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OM nucleic - nucleic search, using sw model

Run on: February 27, 2006, 07:55:36 ; Search time 77.8947 Seconds
(without alignments)
456.401 Million cell updates/sec

Title: US-08-887-505B-28

Perfect score:

Sequence: 1 TTCGCGACCACTACTC 20

Scoring table: OLIGO NUC

Gapop 60.0 , Gapext 60.0

Searched: 1303057 seqs, 888780828 residues

Word size : 0

Total number of hits satisfying chosen parameters: 2606114

Minimum DB seq length: 0

Maximum DB seq length: 200000000
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Post-processing: Listing first 1000 summaries

Database : Issued Patents NA:*

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query		Length	DB	ID	Description
		Match	%				
1	20	100.0	25	3	US-09-493-353-13		Sequence 13, Appl
2	20	100.0	27	3	US-08-648-272-21		Sequence 21, Appl
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4	20	100.0	27	3	US-09-493-333-12		Sequence 12, Appl
5	20	100.0	33	2	US-08-438-633-50		Sequence 50, Appl
6	20	100.0	33	2	US-07-813-338A-50		Sequence 50, Appl
7	20	100.0	33	2	US-08-470-124-60		Sequence 60, Appl
8	20	100.0	33	3	US-08-441-971-126		Sequence 126, App
9	20	100.0	33	3	US-08-221-653-126		Sequence 126, App
10	20	100.0	33	3	US-08-442-144A-126		Sequence 126, App
11	20	100.0	40	3	US-08-441-970-126		Sequence 126, App
C	12	20	100.0	40	3	US-09-358-972-181	Sequence 181, App
13	20	100.0	40	3	US-09-406-147-43		Sequence 43, Appl
C	14	20	100.0	40	3	US-09-790-417-181	Sequence 181, App
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16	20	100.0	46	2	US-08-164-388-10		Sequence 10, Appl
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c 144	20	100.0	252	3	US-08-442-144A-36	Sequence 36, Appl	c 217	20	100.0	286	3	US-08-934-097A-21	Sequence 21, Appl
c 145	20	100.0	252	3	US-08-442-144A-37	Sequence 37, Appl	c 218	20	100.0	286	3	US-08-851-588-21	Sequence 21, Appl
c 146	20	100.0	252	3	US-08-442-144A-38	Sequence 38, Appl	c 219	20	100.0	286	3	US-09-677-218B-21	Sequence 21, Appl
c 147	20	100.0	252	3	US-08-442-144A-39	Sequence 39, Appl	c 220	20	100.0	286	3	US-09-677-192-21	Sequence 21, Appl
c 148	20	100.0	252	3	US-08-442-144A-40	Sequence 40, Appl	c 221	20	100.0	286	3	US-09-402-618B-21	Sequence 21, Appl
c 149	20	100.0	252	3	US-08-442-144A-41	Sequence 41, Appl	c 222	20	100.0	286	3	US-09-825-574-21	Sequence 21, Appl
c 150	20	100.0	252	3	US-08-442-144A-42	Sequence 42, Appl	c 223	20	100.0	286	3	US-09-676-768-21	Sequence 21, Appl
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C 258	20	100.0	337	3	US-09-308-828A-56	Sequence 56, Appl	331	20	100.0	8001	3	US-09-539-601-28	Sequence 28, Appl
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C 261	20	100.0	337	3	US-09-381-212-45	Sequence 45, Appl	334	20	100.0	8638	3	US-10-029-907-6	Sequence 7, Appl
C 262	20	100.0	337	3	US-10-081-806-56	Sequence 56, Appl	335	20	100.0	8638	3	US-10-029-907-7	Sequence 7, Appl
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C 264	20	100.0	341	2	US-08-440-209-1	Sequence 1, Appl	337	20	100.0	8638	3	US-10-029-907-25	Sequence 25, Appl
C 265	20	100.0	341	3	US-08-854-531-4	Sequence 4, Appl	338	20	100.0	8638	3	US-10-309-561A-6	Sequence 6, Appl
C 266	20	100.0	341	3	US-08-439-996-1	Sequence 1, Appl	339	20	100.0	8638	3	US-10-309-561A-7	Sequence 7, Appl
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C 268	20	100.0	341	3	US-09-014-416-48	Sequence 48, Appl	341	20	100.0	8638	3	US-10-309-561A-25	Sequence 25, Appl
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C 273	20	100.0	341	3	US-09-814-357-3	Sequence 3, Appl	346	20	100.0	8643	3	US-10-029-907-4	Sequence 4, Appl
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C 278	20	100.0	347	3	US-08-150-204E-100	Sequence 100, App	351	20	100.0	9185	3	US-08-444-818-123	Sequence 123, App
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C 284	20	100.0	386	3	US-08-520-946-122	Sequence 122, App	357	20	100.0	9401	2	US-08-440-519-9	Sequence 9, Appl
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C 289	20	100.0	665	3	US-08-444-818-94	Sequence 94, Appl	362	20	100.0	9413	3	US-09-827-688-6	Sequence 6, Appl
C 290	20	100.0	665	3	US-08-444-818-95	Sequence 95, Appl	363	20	100.0	9416	2	US-08-324-977-1	Sequence 1, Appl
C 291	20	100.0	665	3	US-08-444-818-96	Sequence 96, Appl	364	20	100.0	9416	2	US-08-384-616-1	Sequence 1, Appl
C 292	20	100.0	665	3	US-08-444-818-98	Sequence 98, Appl	365	20	100.0	9416	2	US-08-904-686A-1	Sequence 1, Appl
C 293	20	100.0	665	3	US-08-444-818-100	Sequence 100, App	366	20	100.0	9416	3	US-08-811-566-19	Sequence 19, Appl
C 294	20	100.0	665	3	US-08-444-818-102	Sequence 102, App	367	20	100.0	9416	3	US-09-315-850-1	Sequence 1, Appl
C 295	20	100.0	685	3	US-09-690-936-37	Sequence 37, Appl	368	20	100.0	9416	3	US-09-034-756-19	Sequence 19, Appl
C 296	20	100.0	686	3	US-08-988-321B-37	Sequence 37, Appl	369	20	100.0	9416	3	US-08-823-895A-26	Sequence 26, Appl
C 297	20	100.0	686	3	US-08-397-220B-25	Sequence 25, Appl	370	20	100.0	9416	3	US-08-823-895A-27	Sequence 27, Appl
C 298	20	100.0	686	3	US-08-650-093C-25	Sequence 25, Appl	371	20	100.0	9416	3	US-10-104-966-13	Sequence 13, Appl
C 299	20	100.0	702	3	US-09-720-201A-3	Sequence 3, Appl	372	20	100.0	9472	3	US-09-929-955-13	Sequence 13, Appl
C 300	20	100.0	713	3	US-09-763-836-1	Sequence 1, Appl	373	20	100.0	9472	3	US-08-150-204E-96	Sequence 96, Appl
C 301	20	100.0	780	3	US-08-474-700B-45	Sequence 45, Appl	374	20	100.0	9595	3	US-09-014-416-4	Sequence 4, Appl
C 302	20	100.0	803	2	US-08-157-235-1	Sequence 1, Appl	375	20	100.0	9599	3	US-09-014-416-2	Sequence 2, Appl
C 303	20	100.0	803	2	US-08-157-235-2	Sequence 2, Appl	376	20	100.0	9599	3	US-09-014-416-6	Sequence 6, Appl
C 304	20	100.0	803	2	US-08-157-235-3	Sequence 3, Appl	377	20	100.0	9646	3	US-08-811-566-1	Sequence 1, Appl
C 305	20	100.0	803	2	US-08-157-235-4	Sequence 4, Appl	378	20	100.0	9646	3	US-09-034-756-1	Sequence 1, Appl
C 306	20	100.0	803	2	US-08-157-235-5	Sequence 5, Appl	379	20	100.0	10803	3	US-10-259-275-17	Sequence 17, Appl
C 307	20	100.0	803	2	US-08-157-235-6	Sequence 6, Appl	380	20	100.0	11076	3	US-09-539-601-1	Sequence 1, Appl
C 308	20	100.0	923	3	US-08-869-380-1	Sequence 1, Appl	381	20	100.0	11076	3	US-09-539-601-19	Sequence 19, Appl
C 309	20	100.0	923	6	PCT-US95-13552-14	Sequence 14, Appl	382	20	100.0	11076	3	US-09-539-601-25	Sequence 25, Appl
C 310	20	100.0	1499	2	US-08-324-977-3	Sequence 3, Appl	383	20	100.0	11076	3	US-09-539-601-31	Sequence 31, Appl
C 311	20	100.0	1499	2	US-08-384-616-3	Sequence 3, Appl	384	20	100.0	12980	3	US-08-811-566-5	Sequence 5, Appl
C 312	20	100.0	1499	2	US-08-904-686A-3	Sequence 3, Appl	385	20	100.0	12980	3	US-09-034-756-5	Sequence 5, Appl
C 313	20	100.0	1499	3	US-09-315-850-3	Sequence 3, Appl	386	19	95.0	19	2	US-08-466-033-7	Sequence 7, Appl
C 314	20	100.0	1863	2	US-08-470-426B-13	Sequence 13, Appl	387	19	95.0	19	2	US-08-444-733-7	Sequence 7, Appl
C 315	20	100.0	1863	2	US-08-470-426B-14	Sequence 14, Appl	388	19	95.0	19	2	US-08-464-134-7	Sequence 7, Appl
C 316	20	100.0	2116	3	US-08-191-160-21	Sequence 21, Appl	389	19	95.0	19	2	US-08-461-361-7	Sequence 7, Appl

536	18	90.0	21	3	US-08-650-093C-16	Sequence 16, Appl	609	14	70.0	4069	3	US-09-710-279-3976	Sequence 3976, Ap
537	18	90.0	21	3	US-08-823-895A-16	Sequence 16, Appl	c 610	13	65.0	15	2	US-08-182-968A-12	Sequence 12, Appl
538	18	90.0	39	3	US-09-292-563-9	Sequence 9, Appl	c 611	13	65.0	15	2	US-08-774-306A-12	Sequence 12, Appl
539	17	85.0	20	2	US-08-468-447-1	Sequence 1, Appl	c 612	13	65.0	15	3	US-09-064-156A-12	Sequence 12, Appl
540	17	85.0	20	2	US-08-469-851A-1	Sequence 1, Appl	c 613	13	65.0	16	3	US-08-954-210-18	Sequence 18, Appl
541	17	85.0	20	2	US-08-467-597A-1	Sequence 1, Appl	c 614	13	65.0	16	3	US-09-431-419A-18	Sequence 18, Appl
542	17	85.0	20	2	US-08-468-569A-1	Sequence 1, Appl	615	13	65.0	18	2	US-08-097-853-1	Sequence 1, Appl
543	17	85.0	20	2	US-08-466-692A-1	Sequence 1, Appl	616	13	65.0	18	2	US-08-438-435-1	Sequence 1, Appl
544	17	85.0	20	2	US-08-471-966A-1	Sequence 1, Appl	617	13	65.0	18	3	US-09-311-260-75	Sequence 75, Appl
545	17	85.0	20	3	US-08-829-637A-122	Sequence 122, App	618	13	65.0	19	3	US-09-782-361-4	Sequence 4, Appl
546	17	85.0	20	3	US-08-650-093C-107	Sequence 107, App	619	13	65.0	21	2	US-09-875-945-13	Sequence 13, Appl
547	17	85.0	20	6	PCT-US96-08757A-1	Sequence 1, Appl	620	13	65.0	21	2	US-08-547-842-2	Sequence 2, Appl
548	17	85.0	177	2	US-08-244-116B-18	Sequence 18, Appl	c 621	13	65.0	25	2	US-08-240-547-15	Sequence 15, Appl
549	16	80.0	20	2	US-08-468-447-2	Sequence 2, Appl	622	13	65.0	29	3	US-09-210-657-2	Sequence 2, Appl
550	16	80.0	20	2	US-08-469-851A-2	Sequence 2, Appl	623	13	65.0	29	3	US-09-210-657-3	Sequence 3, Appl
551	16	80.0	20	2	US-08-467-597A-2	Sequence 2, Appl	624	13	65.0	29	3	US-09-210-657-2	Sequence 2, Appl
552	16	80.0	20	2	US-08-468-569A-2	Sequence 2, Appl	625	13	65.0	29	3	US-09-210-657-3	Sequence 3, Appl
553	16	80.0	20	2	US-08-466-692A-2	Sequence 2, Appl	626	13	65.0	416	3	US-09-270-767-3547	Sequence 3547, Ap
554	16	80.0	20	2	US-08-471-966A-2	Sequence 2, Appl	627	13	65.0	416	3	US-09-270-767-18829	Sequence 18829, A
555	16	80.0	20	3	US-08-397-220B-62	Sequence 62, Appl	628	13	65.0	576	3	US-09-809-545A-61	Sequence 61, Appl
556	16	80.0	20	3	US-08-829-637A-123	Sequence 123, App	c 629	13	65.0	601	3	US-09-949-016-66040	Sequence 66040, A
557	16	80.0	20	3	US-08-650-093C-62	Sequence 62, App	630	13	65.0	601	3	US-09-949-016-78524	Sequence 78524, A
558	16	80.0	20	3	US-09-519-859A-4	Sequence 4, Appl	631	13	65.0	601	3	US-09-949-016-78525	Sequence 78525, A
559	16	80.0	20	3	US-09-546-596A-13	Sequence 13, Appl	632	13	65.0	601	3	US-09-949-016-78526	Sequence 78526, A
560	16	80.0	20	3	US-08-117-363A-13	Sequence 13, Appl	c 633	13	65.0	601	3	US-09-949-016-78527	Sequence 78527, A
561	16	80.0	20	3	US-08-464-953B-13	Sequence 13, Appl	c 634	13	65.0	601	3	US-09-949-016-179979	Sequence 179979, A
562	16	80.0	20	6	PCT-US96-08757A-2	Sequence 2, Appl	635	13	65.0	786	3	US-09-489-039A-1447	Sequence 1447, Ap
563	16	80.0	26	2	US-08-240-547-17	Sequence 17, Appl	636	13	65.0	963	3	US-09-543-681A-2495	Sequence 2495, Ap
564	15	75.0	15	2	US-08-182-968A-11	Sequence 11, Appl	637	13	65.0	1419	3	US-09-540-236-177	Sequence 177, App
565	15	75.0	15	3	US-08-774-306A-11	Sequence 11, Appl	638	13	65.0	1599	3	US-09-256-465-1	Sequence 2495, Ap
566	15	75.0	15	3	US-09-064-156A-11	Sequence 11, Appl	639	13	65.0	1599	3	US-09-167-322-3	Sequence 1, Appl
567	15	75.0	16	3	US-09-474-432B-14	Sequence 14, Appl	640	13	65.0	1599	3	US-09-023-655-1004	Sequence 3, Appl
568	15	75.0	16	3	US-09-476-387-14	Sequence 14, Appl	c 641	13	65.0	1947	3	US-09-715-858-3	Sequence 1004, Ap
569	15	75.0	20	3	US-09-935-338-290	Sequence 290, App	c 642	13	65.0	2448	3	US-08-487-596-13	Sequence 3, Appl
570	15	75.0	28	3	US-08-474-700B-10	Sequence 10, Appl	c 643	13	65.0	2448	3	US-08-660-451A-13	Sequence 13, Appl
571	15	75.0	28	6	PCT-US95-05812-10	Sequence 10, Appl	c 644	13	65.0	2448	3	US-08-466-589-9	Sequence 9, Appl
572	15	75.0	45	2	US-08-690-495-23	Sequence 23, Appl	c 645	13	65.0	2450	2	US-08-700-636-9	Sequence 9, Appl
573	15	75.0	45	2	US-08-690-494-23	Sequence 23, Appl	c 646	13	65.0	2450	2	US-08-467-574-9	Sequence 9, Appl
574	15	75.0	45	3	US-09-299-217-23	Sequence 23, Appl	c 647	13	65.0	2450	3	US-09-217-345-9	Sequence 9, Appl
575	15	75.0	45	3	US-09-728-265-23	Sequence 23, Appl	c 648	13	65.0	2450	3	US-09-892-985-9	Sequence 9, Appl
576	15	75.0	45	3	US-10-309-438-23	Sequence 23, Appl	c 649	13	65.0	2450	3	US-09-892-985-9	Sequence 9, Appl
577	15	75.0	45	6	PCT-US95-07671-23	Sequence 23, Appl	650	13	65.0	3571	3	US-09-799-451-411	Sequence 411, App
578	15	75.0	45	8	US-09-798-641-23	Sequence 23, Appl	651	13	65.0	3766	3	US-09-981-953A-1	Sequence 1, Appl
579	14	70.0	16	3	US-09-474-432B-15	Sequence 15, Appl	c 652	13	65.0	4732	3	US-09-949-016-14962	Sequence 14962, A
580	14	70.0	16	3	US-09-476-387-15	Sequence 15, Appl	c 653	13	65.0	6359	3	US-09-475-252-1	Sequence 1, Appl
581	14	70.0	18	3	US-09-576-537-1	Sequence 1, Appl	c 654	13	65.0	9008	3	US-09-949-016-12576	Sequence 12576, A
582	14	70.0	20	2	US-08-157-235-7	Sequence 7, Appl	655	13	65.0	9009	3	US-09-949-016-14036	Sequence 14036, A
583	14	70.0	20	2	US-08-157-235-18	Sequence 18, Appl	656	13	65.0	10627	2	US-08-060-945A-12	Sequence 12, Appl
584	14	70.0	20	2	US-08-397-220B-61	Sequence 61, Appl	657	13	65.0	12222	3	US-09-328-925-42	Sequence 42, Appl
585	14	70.0	20	3	US-08-650-093C-61	Sequence 61, Appl	c 658	13	65.0	17590	3	US-09-762-311-1	Sequence 1, Appl
586	14	70.0	23	2	US-08-356-287-28	Sequence 28, Appl	659	13	65.0	37030	3	US-08-311-731A-25	Sequence 25, Appl
587	14	70.0	23	6	PCT-US93-04863-28	Sequence 28, Appl	c 660	13	65.0	58909	3	US-09-596-002-30	Sequence 30, Appl
588	14	70.0	33	2	US-08-356-287-26	Sequence 26, Appl	c 661	13	65.0	82178	3	US-09-949-016-13394	Sequence 13394, A
589	14	70.0	33	6	PCT-US93-04863-26	Sequence 26, Appl	c 662	13	65.0	88669	3	US-09-949-016-12017	Sequence 12017, A
590	14	70.0	53	2	US-08-429-181-48	Sequence 48, Appl	c 663	13	65.0	88669	3	US-09-949-016-16321	Sequence 16321, A
591	14	70.0	53	2	US-08-164-388-48	Sequence 48, Appl	c 664	13	65.0	85878	3	US-09-949-016-13685	Sequence 13685, A
592	14	70.0	57	6	US-08-356-287-36	Sequence 36, Appl	c 665	13	65.0	87870	3	US-09-949-016-14461	Sequence 14461, A
593	14	70.0	64	2	US-08-429-181-30	Sequence 30, Appl	666	13	65.0	101356	3	US-09-949-016-12364	Sequence 12364, A
594	14	70.0	64	2	US-08-164-388-30	Sequence 30, Appl	667	13	65.0	101357	3	US-09-949-016-16924	Sequence 16924, A
595	14	70.0	180	3	US-08-441-971-50	Sequence 50, Appl	c 668	13	65.0	135002	3	US-09-949-016-15300	Sequence 15300, A
596	14	70.0	180	3	US-08-441-971-51	Sequence 51, Appl	669	13	65.0	135002	3	US-09-949-016-12617	Sequence 12617, A
597	14	70.0	180	3	US-08-221-653-50	Sequence 51, Appl	670	13	65.0	160018	3	US-09-949-016-12617	Sequence 12617, A
598	14	70.0	180	3	US-08-221-653-51	Sequence 50, Appl	c 671	13	65.0	160018	3	US-09-949-016-15994	Sequence 15994, A
599	14	70.0	180	3	US-08-442-144A-50	Sequence 50, Appl	c 672	13	65.0	251672	3	US-09-949-016-17296	Sequence 17296, A
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602	14	70.0	180	3	US-08-441-970-50	Sequence 50, Appl	c 675	13	65.0	784019	3	US-09-949-016-14033	Sequence 14033, A
603	14	70.0	180	3	US-08-441-970-51	Sequence 51, Appl	c 676	12	60.0	828152	2	US-09-949-016-12777	Sequence 12777, A
604	14	70.0	927	3	US-09-710-279-1731	Sequence 1731, Ap	c 677	12	60.0	15	2	US-08-182-968A-10	Sequence 10, Appl
605	14	70.0	930	3	US-09-134-001C-202	Sequence 202, App	c 678	12	60.0	15	2	US-08-774-306A-10	Sequence 10, Appl
606	14	70.0	1482	3	US-09-252-991A-11453	Sequence 11453, A	c 679	12	60.0	20	3	US-09-064-156A-10	Sequence 10, Appl
607	14	70.0	2352	3	US-09-051-239A-14	Sequence 14, Appl	680	12	60.0	20	3	US-08-397-220B-92	Sequence 92, Appl
608	14	70.0	2352	3	US-10-151-668-14	Sequence 14, Appl	c 681	12	60.0	25	3	US-08-650-093C-92	Sequence 92, Appl
												US-09-396-196G-81134	Sequence 81134, A

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c 683	12	60.0	25	3	US-09-396-196G-81146	Sequence 81146, A	c 756	12	60.0	2066	3	US-08-072-064-2	Sequence 3, Appli
c 684	12	60.0	25	3	US-09-396-196G-81147	Sequence 81147, A	c 757	12	60.0	2066	3	US-08-072-064-3	Sequence 3, Appli
c 685	12	60.0	25	3	US-09-396-196G-81148	Sequence 81148, A	c 758	12	60.0	2066	3	US-08-072-064-5	Sequence 5, Appli
c 686	12	60.0	45	3	US-08-931-220-23	Sequence 23, Appli	c 759	12	60.0	2066	3	US-08-072-064-7	Sequence 7, Appli
c 687	12	60.0	45	3	US-08-931-220-36	Sequence 36, Appli	c 760	12	60.0	2191	3	US-08-632-806A-6	Sequence 6, Appli
c 688	12	60.0	45	3	US-08-931-220-40	Sequence 40, Appli	c 761	12	60.0	2192	2	US-08-273-538A-6	Sequence 6, Appli
c 689	12	60.0	45	6	PCT-US95-11723-23	Sequence 23, Appli	c 762	12	60.0	2194	3	US-10-104-047-451	Sequence 451, App
c 690	12	60.0	45	6	PCT-US95-11723-36	Sequence 36, Appli	c 763	12	60.0	2390	3	US-09-949-016-2124	Sequence 2124, Ap
c 691	12	60.0	45	6	PCT-US95-11723-40	Sequence 40, Appli	c 764	12	60.0	2735	3	US-09-976-594-372	Sequence 372, App
c 692	12	60.0	45	6	PCT-US96-05997-23	Sequence 23, Appli	c 765	12	60.0	3034	3	US-09-799-451-517	Sequence 517, App
c 693	12	60.0	45	6	PCT-US96-05997-36	Sequence 36, Appli	c 766	12	60.0	3636	3	US-08-961-527-78	Sequence 78, Appli
c 694	12	60.0	45	6	PCT-US96-05997-40	Sequence 40, Appli	c 767	12	60.0	4029	2	US-07-862-021B-9	Sequence 9, Appli
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c 697	12	60.0	329	3	US-09-602-787A-93	Sequence 93, Appli	c 770	12	60.0	4029	6	PCT-US93-03164-9	Sequence 9, Appli
c 698	12	60.0	355	3	US-08-444-818-104	Sequence 104, App	c 771	12	60.0	4115	3	US-09-302-620B-85	Sequence 85, Appli
c 699	12	60.0	355	3	US-08-444-818-106	Sequence 106, App	c 772	12	60.0	4115	3	US-09-912-161-7	Sequence 7, Appli
c 700	12	60.0	365	3	US-09-423-233-3	Sequence 3, Appli	c 773	12	60.0	4576	2	US-08-832-883-49	Sequence 49, Appli
c 701	12	60.0	394	3	US-09-270-767-2009	Sequence 2009, Ap	c 774	12	60.0	4576	2	US-08-832-877-49	Sequence 49, Appli
c 702	12	60.0	394	3	US-09-270-767-17291	Sequence 17291, A	c 775	12	60.0	4700	3	US-09-150-460B-9	Sequence 9, Appli
c 703	12	60.0	427	3	US-09-533-559-1335	Sequence 1335, Ap	c 776	12	60.0	4898	3	US-09-636-499-17	Sequence 17, Appli
c 704	12	60.0	456	3	US-09-513-999C-34855	Sequence 34855, A	c 777	12	60.0	5438	3	US-08-456-200B-5	Sequence 5, Appli
c 705	12	60.0	473	3	US-09-513-999C-3002	Sequence 3002, Ap	c 778	12	60.0	5521	3	US-08-956-171E-408	Sequence 408, App
c 706	12	60.0	513	3	US-08-817-441-95	Sequence 95, Appli	c 779	12	60.0	5521	3	US-08-781-986A-408	Sequence 408, App
c 707	12	60.0	599	3	US-09-580-797-37	Sequence 37, Appli	c 780	12	60.0	10082	3	US-09-949-016-15569	Sequence 15569, A
c 708	12	60.0	601	3	US-09-949-016-23021	Sequence 23021, A	c 781	12	60.0	11947	3	US-09-949-016-13414	Sequence 13414, A
c 709	12	60.0	601	3	US-09-949-016-38100	Sequence 38100, A	c 782	12	60.0	12847	3	US-09-949-016-13866	Sequence 13866, A
c 710	12	60.0	601	3	US-09-949-016-42593	Sequence 42593, A	c 783	12	60.0	13595	3	US-09-949-016-12529	Sequence 12529, A
c 711	12	60.0	601	3	US-09-949-016-42625	Sequence 42625, A	c 784	12	60.0	13970	3	US-09-949-016-16690	Sequence 16690, A
c 712	12	60.0	601	3	US-09-949-016-42657	Sequence 42657, A	c 785	12	60.0	20951	3	US-09-805-455-3	Sequence 3, Appli
c 713	12	60.0	601	3	US-09-949-016-42689	Sequence 42689, A	c 786	12	60.0	22547	3	US-09-949-016-13679	Sequence 13679, A
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c 715	12	60.0	601	3	US-09-949-016-42753	Sequence 42753, A	c 788	12	60.0	23219	3	US-09-949-016-13396	Sequence 13396, A
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ALIGNMENTS

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; APPLICANT: Johnson & Johnson
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; APPLICANT: Gorman, K.M.
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; OTHER INFORMATION: Oligonucleotide primer
US-09-493-353-13

Query Match 100.0%; Score 20; DB 3; Length 25;
Best Local Similarity 100.0%; Pred. No. 0.0035;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTCGGACCCCACTACTC 20
Db 2 TTCGGACCCCACTACTC 21

RESULT 2
US-08-648-272-21/c
; Sequence 21, Application US/08648272
; Patent No. 6107028
; GENERAL INFORMATION:
; APPLICANT: Kay, Mark A.

; APPLICANT: Lieber, Andre
; TITLE OF INVENTION: Ribozymes for Treating Hepatitis C
; NUMBER OF SEQUENCES: 24
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Campbell & Flores LLP
; STREET: 4370 La Jolla Village Drive, Suite 700
; CITY: San Diego
; STATE: California
; COUNTRY: United States
; ZIP: 92122
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/648,272
; FILING DATE: 15-MAY-1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/534,220
; FILING DATE: 11-SEP-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/476,257
; FILING DATE: 07-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/357,508
; FILING DATE: 14-DEC-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Campbell, Cathryn A.
; REGISTRATION NUMBER: 31,815
; REFERENCE/DOCKET NUMBER: P-WR 2106
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 535-9001
; TELEFAX: (619) 535-8949
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 27 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-648-272-21

Query Match 100.0%; Score 20; DB 3; Length 27;
Best Local Similarity 100.0%; Pred. No. 0.0035;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTCGGACCCCACTACTC 20
Db 24 TTCGGACCCCACTACTC 5

RESULT 3
US-09-494-332A-12
; Sequence 12, Application US/09494332A
; Patent No. 6623919
; GENERAL INFORMATION:
; APPLICANT: GORMAN, Kevin
; APPLICANT: PATTERSON, David
; APPLICANT: LINNEN, Jeffrey
; APPLICANT: SONG, Keming
; TITLE OF INVENTION: OLIGONUCLEOTIDE PRIMERS FOR EFFICIENT MULTIPLEX DETECTION OF HEPATITIS C VIRUS (HCV) AND HUMAN IMMUNODEFICIENCY VIRUS (HIV) AND METHODS OF
; FILE REFERENCE: 2049/1E285-US1
; CURRENT APPLICATION NUMBER: US/09/494,332A
; CURRENT FILING DATE: 2000-01-28
; PRIOR APPLICATION NUMBER: US 60/118,498
; PRIOR FILING DATE: 1999-02-03
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 12
; LENGTH: 27
; TYPE: DNA

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; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer
US-09-494-332A-12

Query Match      100.0%; Score 20; DB 3; Length 27;
Best Local Similarity 100.0%; Pred. No. 0.0035;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCACTACTC 20
Db 4 TTTCGGACCCCACTACTC 23

RESULT 4
US-09-493-353-12
; Sequence 12, Application US/09493353
; Patent No. 5638714
; GENERAL INFORMATION:
; APPLICANT: Johnson & Johnson
; APPLICANT: Linmen, J.M.
; APPLICANT: Gorman, K.M.
; TITLE OF INVENTION: OLIGONUCLEOTIDE PRIMERS FOR EFFICIENT
; TITLE OF INVENTION: DETECTION OF HEPATITIS C VIRUS (HCV) AND METHODS OF USE
; FILE REFERENCE: 2094/1E286-US1
; CURRENT APPLICATION NUMBER: US/09/493,353
; PRIOR FILING DATE: 2000-01-28
; PRIOR APPLICATION NUMBER: 60/118,497
; PRIOR FILING DATE: 1999-02-03
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 12
; LENGTH: 27
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer
US-09-493-353-12

Query Match      100.0%; Score 20; DB 3; Length 27;
Best Local Similarity 100.0%; Pred. No. 0.0035;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCACTACTC 20
Db 4 TTTCGGACCCCACTACTC 23

RESULT 5
US-08-438-639-50
; Sequence 50, Application US/08438639
; Patent No. 5712383
; GENERAL INFORMATION:
; APPLICANT: Sheridan, Patrick
; APPLICANT: Chang, Chu-An
; APPLICANT: Running, Joyce
; APPLICANT: Urdea, Michael S.
; TITLE OF INVENTION: PROCESS FOR IMMOBILIZING NUCLEIC ACID
; TITLE OF INVENTION: PROBES ON POLYSTYRENE SURFACES
; NUMBER OF SEQUENCES: 70
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CHIRON CORPORATION - R440
; STREET: P.O. Box 8097
; CITY: Emeryville
; STATE: CA
; COUNTRY: USA
; ZIP: 94662-8097
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/813,338A
; FILING DATE: 23-DEC-1991
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Goldman, Kenneth, M.
; REGISTRATION NUMBER: 34,174
; REFERENCE/DOCKET NUMBER: 0232.001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 601-2719
; TELEFAX: (510) 655-3542
; TELEX: N/A
; INFORMATION FOR SEQ ID NO: 50:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 33 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
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; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/438,639
; FILING DATE: 10-MAY-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/813,338
; FILING DATE: 23-DEC-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Goldman, Kenneth, M.
; REGISTRATION NUMBER: 34,174
; REFERENCE/DOCKET NUMBER: 0232.001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 601-2719
; TELEFAX: (510) 655-3542
; TELEX: N/A
; INFORMATION FOR SEQ ID NO: 50:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 33 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-438-639-50

Query Match      100.0%; Score 20; DB 2; Length 33;
Best Local Similarity 100.0%; Pred. No. 0.0034;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCACTACTC 20
Db 10 TTTCGGACCCCACTACTC 29

RESULT 6
US-07-813-338A-50
; Sequence 50, Application US/07813338A
; Patent No. 5747244
; GENERAL INFORMATION:
; APPLICANT: Sheridan, Patrick
; APPLICANT: Chang, Chu-An
; APPLICANT: Running, Joyce
; APPLICANT: Urdea, Michael S.
; TITLE OF INVENTION: PROCESS FOR IMMOBILIZING NUCLEIC ACID
; TITLE OF INVENTION: PROBES ON POLYSTYRENE SURFACES
; NUMBER OF SEQUENCES: 70
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CHIRON CORPORATION - R440
; STREET: P.O. Box 8097
; CITY: Emeryville
; STATE: CA
; COUNTRY: USA
; ZIP: 94662-8097
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/813,338A
; FILING DATE: 23-DEC-1991
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Goldman, Kenneth, M.
; REGISTRATION NUMBER: 34,174
; REFERENCE/DOCKET NUMBER: 0232.001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 601-2719
; TELEFAX: (510) 655-3542
; TELEX: N/A
; INFORMATION FOR SEQ ID NO: 50:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 33 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
```



```
/
; TOPOLOGY: linear
US-07-813-338A-50

Query Match 100.0%; Score 20; DB 2; Length 33;
Best Local Similarity 100.0%; Pred. No. 0.0034;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTCGGACCCCAACTACTC 20
Db 10 TTCGGACCCCAACTACTC 29

RESULT 7
US-08-470-124-60
; Sequence 60, Application US/08470124
; Patent No. 5849481
; GENERAL INFORMATION:
; APPLICANT: Urdea, Michael S.
; APPLICANT: Horn, Thomas
; APPLICANT: Chang, Chu-An
; APPLICANT: Warner, Brian
; APPLICANT: Fultz, Timothy J.
; TITLE OF INVENTION: LARGE COMB-TYPE BRANCHED
; TITLE OF INVENTION: POLYNUCLEOTIDES
; NUMBER OF SEQUENCES: 87
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Morrison & Foerster
; STREET: 545 Middlefield Road, Suite 200
; City: Menlo Park
; STATE: California
; COUNTRY: USA
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/470,124
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/813,588
; FILING DATE: 23 December 1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Ciotti, Thomas E.
; REGISTRATION NUMBER: 21,013
; REFERENCE/DOCKET NUMBER: 22300-20104.20
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-813-5600
; TELEFAX: 415-327-2951
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 60:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 33 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-470-124-60

Query Match 100.0%; Score 20; DB 2; Length 33;
Best Local Similarity 100.0%; Pred. No. 0.0034;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTCGGACCCCAACTACTC 20
Db 10 TTCGGACCCCAACTACTC 29

RESULT 8
US-08-441-971-126
; Sequence 126, Application US/08441971
; Patent No. 6071693
; GENERAL INFORMATION:
; APPLICANT: Tai-An Cha
; TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
; TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
; NUMBER OF SEQUENCES: 147
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
; STREET: 600 Atlantic Avenue
; City: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 5.25 inch
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS-DOS Version 3.3
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/441,971
; FILING DATE: 16-MAY-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/221,653
; FILING DATE:
; APPLICATION NUMBER: US/07/881,528
; FILING DATE:
; APPLICATION NUMBER: 07/697,326
; FILING DATE: 8 May 1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Janiuk, Anthony J.
; REGISTRATION NUMBER: 29,809
; REFERENCE/DOCKET NUMBER: C0772/7000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 720-3500
; TELEFAX: (617) 720-2441
; TELEX: EZEKIEL
; INFORMATION FOR SEQ ID NO: 126:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 33 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-441-971-126

Query Match 100.0%; Score 20; DB 3; Length 33;
Best Local Similarity 100.0%; Pred. No. 0.0034;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTCGGACCCCAACTACTC 20
Db 10 TTCGGACCCCAACTACTC 29

RESULT 9
US-08-221-653-126
; Sequence 126, Application US/08221653
; Patent No. 6190864
; GENERAL INFORMATION:
; APPLICANT: Tai-An Cha
; TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
; TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
; NUMBER OF SEQUENCES: 147
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
; STREET: 600 Atlantic Avenue
; City: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 5.25 inch
; COMPUTER: IBM compatible
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OPERATING SYSTEM: MS-DOS Version 3.3
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/221,653
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/881,528
FILING DATE:
APPLICATION NUMBER: 07/697,326
FILING DATE: 8 May 1991
ATTORNEY/AGENT INFORMATION:
NAME: Janiuk, Anthony J.
REGISTRATION NUMBER: 29,809
REFERENCE/DOCKET NUMBER: C0772/7000
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 720-3500
TELEFAX: (617) 720-2441
TELEX: EZEKIEL
INFORMATION FOR SEQ ID NO: 126:
SEQUENCE CHARACTERISTICS:
LENGTH: 33 nucleotides
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-221-653-126

Query Match 100.0%; Score 20; DB 3; Length 33;
Best Local Similarity 100.0%; Pred. No. 0.0034;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTTCGGACCCACACTACTC 20
|||||
DB 10 TTTCGGACCCACACTACTC 29

RESULT 10
US-08-442-144A-126
Sequence 126, Application US/08442144A
Patent No. 6214583
GENERAL INFORMATION:
APPLICANT: Tai-An Cha
APPLICANT: Eileen Beall
APPLICANT: Bruce Irvine
APPLICANT: Janice Kolberg
APPLICANT: Michael S. Urdea
TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
DIAGNOSTICS AND THERAPEUTICS
NUMBER OF SEQUENCES: 148
CORRESPONDENCE ADDRESS:
ADDRESSEE: Chiron Corporation
STREET: 4560 Horton Street
CITY: Emeryville
STATE: California
COUNTRY: USA
ZIP: 94608-2916
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 Inch
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows NT
SOFTWARE: Microsoft Word 97
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/442,144A
FILING DATE: MAY 16, 1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/221,653
FILING DATE: APRIL 1, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Doreen Yanko Trujillo
REGISTRATION NUMBER: 35,719
REFERENCE/DOCKET NUMBER: CHIR-0121

TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
TELEX:
INFORMATION FOR SEQ ID NO: 126:
SEQUENCE CHARACTERISTICS:
LENGTH: 33 Nucleotides
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
MOLECULE TYPE: DNA
US-08-442-144A-126

Query Match 100.0%; Score 20; DB 3; Length 33;
Best Local Similarity 100.0%; Pred. No. 0.0034;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTTCGGACCCACACTACTC 20
|||||
DB 10 TTTCGGACCCACACTACTC 29

RESULT 11
US-08-441-970-126
Sequence 126, Application US/08441970
Patent No. 6297370
GENERAL INFORMATION:
APPLICANT: Tai-An Cha
TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
DIAGNOSTICS AND THERAPEUTICS
NUMBER OF SEQUENCES: 147
CORRESPONDENCE ADDRESS:
ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
STREET: 600 Atlantic Avenue
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02210

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 5.25 inch
COMPUTER: IBM compatible
OPERATING SYSTEM: MS-DOS Version 3.3
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/441,970
FILING DATE: 16-MAY-1995
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/881,528
FILING DATE: 08-MAY-1992
APPLICATION NUMBER: 07/697,326
FILING DATE: 8 May 1991
ATTORNEY/AGENT INFORMATION:
NAME: Janiuk, Anthony J.
REGISTRATION NUMBER: 29,809
REFERENCE/DOCKET NUMBER: C0772/7000
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 720-3500
TELEFAX: (617) 720-2441
TELEX: EZEKIEL
INFORMATION FOR SEQ ID NO: 126:
SEQUENCE CHARACTERISTICS:
LENGTH: 33 nucleotides
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-441-970-126

Query Match 100.0%; Score 20; DB 3; Length 33;
Best Local Similarity 100.0%; Pred. No. 0.0034;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCAACTACTC 20
| | | | | | | | | | | | | | | |
Db 10 TTTCGGACCCCAACTACTC 29

RESULT 12

US-09-358-972-181/c
; Sequence 181, Application US/09358972
; Patent No. 6235480
; GENERAL INFORMATION:
; APPLICANT: Shultz, John W.
; APPLICANT: Lewis, Martin K.
; APPLICANT: Lieppe, Donna
; APPLICANT: Mandrekar, Michelle
; APPLICANT: Kephart, Daniel
; APPLICANT: Rhodes, Richard B.
; APPLICANT: Andrews, Christine A.
; APPLICANT: Hartnett, James R.
; APPLICANT: Gu, Trent
; APPLICANT: Olson, Ryan J.
; APPLICANT: Wood, Keith W.
; APPLICANT: Welch, Roy

; TITLE OF INVENTION: Nucleic Acid Detection
; FILE REFERENCE: Pro-103 6868/75528
; CURRENT APPLICATION NUMBER: US/09/358,972
; CURRENT FILING DATE: 1999-07-22
; EARLIER APPLICATION NUMBER: 09/252,436
; EARLIER FILING DATE: 1999-02-18
; EARLIER APPLICATION NUMBER: 09/042,287
; EARLIER FILING DATE: 1998-03-13
; NUMBER OF SEQ ID NOS: 290
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 181
; LENGTH: 40
; TYPE: DNA
; ORGANISM: Hepatitis C virus

; FEATURE:
; OTHER INFORMATION: probe for Hepatitis C

US-09-358-972-181

Query Match 100.0%; Score 20; DB 3; Length 40;
Best Local Similarity 100.0%; Pred. No. 0.0034;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCAACTACTC 20
| | | | | | | | | | | | | | | |
Db 29 TTTCGGACCCCAACTACTC 10

RESULT 13

US-09-406-147-43/c
; Sequence 43, Application US/09406147
; Patent No. 6270974
; GENERAL INFORMATION:
; APPLICANT: Shultz, John W.
; APPLICANT: Lewis, Martin K.
; APPLICANT: Lieppe, Donna
; APPLICANT: Mandrekar, Michelle
; APPLICANT: Kephart, Daniel
; APPLICANT: Rhodes, Richard B.
; APPLICANT: Andrews, Christine A.
; APPLICANT: Hartnett, James R.
; APPLICANT: Gu, Trent
; APPLICANT: Wood, Keith W.
; APPLICANT: Welch, Roy

; TITLE OF INVENTION: EXOGENOUS NUCLEIC ACID DETECTION
; FILE REFERENCE: EXOGENOUS NUCLEIC ACID DETECTION
; CURRENT APPLICATION NUMBER: US/09/406,147
; CURRENT FILING DATE: 1999-09-27
; EARLIER APPLICATION NUMBER: 09/252,436
; EARLIER FILING DATE: 1999-02-18
; EARLIER APPLICATION NUMBER: 09/042,287
; EARLIER FILING DATE: 1998-03-13

; NUMBER OF SEQ ID NOS: 92
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 43
; LENGTH: 40
; TYPE: DNA
; ORGANISM: Hepatitis C virus
US-09-406-147-43

Query Match 100.0%; Score 20; DB 3; Length 40;
Best Local Similarity 100.0%; Pred. No. 0.0034;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCAACTACTC 20
| | | | | | | | | | | | | | | |
Db 29 TTTCGGACCCCAACTACTC 10

RESULT 14

US-09-790-417-181/c
; Sequence 181, Application US/09790417
; Patent No. 6730479
; GENERAL INFORMATION:
; APPLICANT: Shultz, John W.
; APPLICANT: Lewis, Martin K.
; APPLICANT: Lieppe, Donna
; APPLICANT: Mandrekar, Michelle
; APPLICANT: Kephart, Daniel
; APPLICANT: Rhodes, Richard B.
; APPLICANT: Andrews, Christine A.
; APPLICANT: Hartnett, James R.
; APPLICANT: Gu, Trent
; APPLICANT: Olson, Ryan J.
; APPLICANT: Wood, Keith W.
; APPLICANT: Welch, Roy

; TITLE OF INVENTION: Nucleic Acid Detection
; FILE REFERENCE: Pro-103 6868/75528
; CURRENT APPLICATION NUMBER: US/09/790,417
; CURRENT FILING DATE: 2001-02-22
; PRIOR APPLICATION NUMBER: 09/358,972
; PRIOR FILING DATE: 1999-07-21
; PRIOR APPLICATION NUMBER: 09/042,287
; PRIOR FILING DATE: 1998-03-13
; NUMBER OF SEQ ID NOS: 290
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 181
; LENGTH: 40
; TYPE: DNA
; ORGANISM: Hepatitis C virus

; FEATURE:
; OTHER INFORMATION: probe for Hepatitis C

US-09-790-417-181

Query Match 100.0%; Score 20; DB 3; Length 40;
Best Local Similarity 100.0%; Pred. No. 0.0034;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCAACTACTC 20
| | | | | | | | | | | | | | | |
Db 29 TTTCGGACCCCAACTACTC 10

RESULT 15

US-08-429-181-10
; Sequence 10, Application US/08429181
; Patent No. 5635352
; GENERAL INFORMATION:
; APPLICANT: URDEA, MICHAEL S.
; APPLICANT: FULTZ, TIMOTHY
; APPLICANT: WARNER, BRIAN D.
; APPLICANT: COLLINS, MARK
; TITLE OF INVENTION: SOLUTION PHASE NUCLEIC ACID SANDWICH
; TITLE OF INVENTION: ASSAYS HAVING REDUCED BACKGROUND NOISE
; NUMBER OF SEQUENCES: 61

```
;
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CHIRON CORPORATION - INTELLECTUAL PROPERTY
; ADDRESS: R440
; STREET: 4560 HORTON STREET
; CITY: EMERYVILLE
; STATE: CALIFORNIA
; COUNTRY: USA
; ZIP: 94608-2916
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30B
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/429,181
; FILING DATE: 26-APR-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/164,388
; FILING DATE: 08-DEC-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: GOLDMAN, KENNETH M.
; REGISTRATION NUMBER: 34,174
; REFERENCE/DOCKET NUMBER: 0300.001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 601-2719
; TELEFAX: (510) 655-3542
; TELEX: N/A
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 46 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-429-181-10

Query Match 100.0%; Score 20; DB 2; Length 46;
Best Local Similarity 100.0%; Pred. No. 0.0034;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTCCGCGACCCCAACTACTC 20
Db 10 TTCCGCGACCCCAACTACTC 29

RESULT 16
US-08-164-388-10
; Sequence 10, Application US/08164388
; Patent No. 5681697
; GENERAL INFORMATION:
; APPLICANT: URDEA, MICHAEL S.
; APPLICANT: FULTZ, TIMOTHY
; APPLICANT: WARNER, BRIAN D.
; APPLICANT: COLLINS, MARK
; TITLE OF INVENTION: SOLUTION PHASE NUCLEIC ACID SANDWICH
; TITLE OF INVENTION: ASSAYS HAVING REDUCED BACKGROUND NOISE
; NUMBER OF SEQUENCES: 61
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CHIRON CORPORATION - INTELLECTUAL PROPERTY
; ADDRESS: R440
; STREET: 4560 HORTON STREET
; CITY: EMERYVILLE
; STATE: CALIFORNIA
; COUNTRY: USA
; ZIP: 94608-2916
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30B
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/164,388
```

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;
; FILING DATE: 08-DEC-1993
; CLASSIFICATION: 436
; ATTORNEY/AGENT INFORMATION:
; NAME: GOLDMAN, KENNETH M.
; REGISTRATION NUMBER: 34,174
; REFERENCE/DOCKET NUMBER: 0300.001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 601-2719
; TELEFAX: (510) 655-3542
; TELEX: N/A
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 46 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-164-388-10

Query Match 100.0%; Score 20; DB 2; Length 46;
Best Local Similarity 100.0%; Pred. No. 0.0034;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTCCGCGACCCCAACTACTC 20
Db 10 TTCCGCGACCCCAACTACTC 29

RESULT 17
US-08-690-495-31
; Sequence 31, Application US/08690495
; Patent No. 5876924
; GENERAL INFORMATION:
; APPLICANT: Zhang, David Y., Brandwein, Margaret
; TITLE OF INVENTION: NUCLEIC ACID AMPLIFICATION METHOD:
; TITLE OF INVENTION: HYBRIDIZATION SIGNAL AMPLIFICATION METHOD (HSAM)
; NUMBER OF SEQUENCES: 42
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Brumbaugh, Graves, Donohue & Raymond
; STREET: 30 Rockefeller Plaza
; CITY: New York
; STATE: NY
; COUNTRY: USA
; ZIP: 10112-0228
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Fasteq Version #1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/690,495
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: MacLeod, Janet M.
; REGISTRATION NUMBER: 35,263
; REFERENCE/DOCKET NUMBER: 29545-A-PCT/USA-A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-408-2597
; TELEFAX: 212-765-2519
; INFORMATION FOR SEQ ID NO: 31:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 108 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1..108
US-08-690-495-31

Query Match 100.0%; Score 20; DB 2; Length 108;
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Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTCGGACCCCAACTACTC 20
Db 4 TTCGGACCCCAACTACTC 23

RESULT 18

US-08-690-494-31
; Sequence 31, Application US/08690494
; Patent No. 5942391
; GENERAL INFORMATION:
; APPLICANT: Zhang, David Y., Brandwein, Margaret
; TITLE OF INVENTION: NUCLEIC ACID AMPLIFICATION METHOD:
; TITLE OF INVENTION: HYBRIDIZATION SIGNAL AMPLIFICATION METHOD (HSAM)
; NUMBER OF SEQUENCES: 42
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Brumbaugh, Graves, Donohue & Raymond
; STREET: 30 Rockefeller Plaza
; CITY: New York
; STATE: NY
; COUNTRY: USA
; ZIP: 10112-0228
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: FASEQ Version #1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/690,494
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: MacLeod, Janet M.
; REGISTRATION NUMBER: 35,263
; REFERENCE/DOCKET NUMBER: 29545-A-PCT/USA-B
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-408-2597
; TELEFAX: 212-765-2519
; INFORMATION FOR SEQ ID NO: 31:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 108 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1..108
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: MacLeod, Janet M.
; REGISTRATION NUMBER: 35,263
; REFERENCE/DOCKET NUMBER: 29545-A-PCT/USA-B
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-408-2597
; TELEFAX: 212-765-2519
; INFORMATION FOR SEQ ID NO: 31:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 108 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1..108

Query Match 100.0%; Score 20; DB 2; Length 108;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTCGGACCCCAACTACTC 20
Db 4 TTCGGACCCCAACTACTC 23

RESULT 19

US-09-299-217-31
; Sequence 31, Application US/09299217
; Patent No. 6569647
; GENERAL INFORMATION:
; APPLICANT: Zhang, David Y., Brandwein, Margaret
; TITLE OF INVENTION: NUCLEIC ACID AMPLIFICATION METHOD:
; TITLE OF INVENTION: HYBRIDIZATION SIGNAL AMPLIFICATION METHOD (HSAM)
; NUMBER OF SEQUENCES: 42
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Brumbaugh, Graves, Donohue & Raymond
; STREET: 30 Rockefeller Plaza

; CITY: New York
; STATE: NY
; COUNTRY: USA
; ZIP: 10112-0228
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: FASEQ Version #1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/299,217
; FILING DATE: 23-Apr-1999
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/690,494
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: MacLeod, Janet M.
; REGISTRATION NUMBER: 35,263
; REFERENCE/DOCKET NUMBER: 29545-A-PCT/USA-B
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-408-2597
; TELEFAX: 212-765-2519
; INFORMATION FOR SEQ ID NO: 31:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 108 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1..108
; SEQUENCE DESCRIPTION: SEQ ID NO: 31:
US-09-299-217-31

Query Match 100.0%; Score 20; DB 3; Length 108;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTCGGACCCCAACTACTC 20
Db 4 TTCGGACCCCAACTACTC 23

RESULT 20

US-09-728-265-31
; Sequence 31, Application US/09728265
; Patent No. 6593086
; GENERAL INFORMATION:
; APPLICANT: Zhang, David Y.
; TITLE OF INVENTION: NUCLEIC ACID AMPLIFICATION METHOD:
; TITLE OF INVENTION: RAMIFICATION-EXTENSION AMPLIFICATION METHOD (RAM)
; NUMBER OF SEQUENCES: 42
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Stroock & Stroock & Lavan
; STREET: 180 Maiden Lane
; CITY: New York
; STATE: NY
; COUNTRY: USA
; ZIP: 10038
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PCDOS/MSDOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/728,265
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Pokotilow, Steven B
; REGISTRATION NUMBER: 26,405

```
; REFERENCE/DOCKET NUMBER: Old 29545APCT/USA-B // New 251305/0018
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212806-6663
; TELEFAX: 2128066006
; INFORMATION FOR SEQ ID NO: 31:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 108 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic).
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1..108
US-09-728-265-31

Query Match 100.0%; Score 20; DB 3; Length 108;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTCGCGACCCCACTACTC 20
Db 4 TTCGCGACCCCACTACTC 23

RESULT 21
US-10-309-438-31
; Sequence 31, Application US/10309438
; Patent No. 6855523
; GENERAL INFORMATION:
; APPLICANT: Zhang, David Y.
; APPLICANT: Brandwein, Maraget
; APPLICANT: Hsu, Terence C.H.
; TITLE OF INVENTION: Nucleic Acid Amplification Method: Ramification-extension
; FILE REFERENCE: 251305/0031
; CURRENT APPLICATION NUMBER: US/10/309,438
; CURRENT FILING DATE: 2003-04-08
; PRIOR APPLICATION NUMBER: US 09/299,217
; PRIOR FILING DATE: 1999-04-23
; PRIOR APPLICATION NUMBER: US 08/690,494
; PRIOR FILING DATE: 1996-07-31
; PRIOR APPLICATION NUMBER: US 08/596,331
; PRIOR FILING DATE: 1996-05-20
; PRIOR APPLICATION NUMBER: PCT/US95/07671
; PRIOR FILING DATE: 1995-06-14
; PRIOR APPLICATION NUMBER: 08/263,937
; PRIOR FILING DATE: 1994-06-22
; NUMBER OF SEQ ID NOS: 42
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 31
; LENGTH: 108
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer
US-10-309-438-31

Query Match 100.0%; Score 20; DB 3; Length 108;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTCGCGACCCCACTACTC 20
Db 4 TTCGCGACCCCACTACTC 23

RESULT 22
PCT-US95-07671-31
; Sequence 31, Application PC/TUS9507671
; GENERAL INFORMATION:
; APPLICANT: Zhang, David Y.
; TITLE OF INVENTION: LIGATION-DEPENDENT AMPLIFICATION FOR THE
```

```
; TITLE OF INVENTION: DETECTION OF INFECTIOUS PATHOGENS AND ABNORMAL GENES
; NUMBER OF SEQUENCES: 31
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Brumbaugh, Graves, Donohue & Raymond
; STREET: 30 Rockefeller Plaza
; CITY: New York
; STATE: NY
; COUNTRY: USA
; ZIP: 10112-0228
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/07671
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Seide, Rochelle K.
; REGISTRATION NUMBER: 32,300
; REFERENCE/DOCKET NUMBER: 29545-A-PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-408-2626
; TELEFAX: 212-765-2519
; INFORMATION FOR SEQ ID NO: 31:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 108 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1..108
PCT-US95-07671-31

Query Match 100.0%; Score 20; DB 6; Length 108;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTCGCGACCCCACTACTC 20
Db 4 TTCGCGACCCCACTACTC 23

RESULT 23
US-09-798-641-31
; Sequence 31, Application US/09798641
; Patent No. RE38442
; GENERAL INFORMATION:
; APPLICANT: Zhang, David Y., Brandwein, Margaret
; TITLE OF INVENTION: NUCLEIC ACID AMPLIFICATION METHOD:
; NUMBER OF SEQUENCES: 42
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Brumbaugh, Graves, Donohue & Raymond
; STREET: 30 Rockefeller Plaza
; CITY: New York
; STATE: NY
; COUNTRY: USA
; ZIP: 10112-0228
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PASEQ Version #1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/798,641
; FILING DATE: 02-Mar-2001
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; PRIOR APPLICATION NUMBER: US/08/690,495
```

; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: MacLeod, Janet M.
; REGISTRATION NUMBER: 35,263
; REFERENCE/DOCKET NUMBER: 29545-A-PCT/USA-A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-408-2597
; TELEFAX: 212-765-2519
; INFORMATION FOR SEQ ID NO: 31:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 108 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1..108
; SEQUENCE DESCRIPTION: SEQ ID NO: 31:
US-09-798-641-31

Query Match 100.0%; Score 20; DB 8; Length 108;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 1 TTGCGACCCCAACTACTC 20
Db 4 TTGCGACCCCAACTACTC 23

RESULT 24

US-09-899-082B-102/c
; Sequence 102, Application US/09899082B
; Patent No. 6891026

; GENERAL INFORMATION:
; APPLICANT: Innogenetics N.V.
; TITLE OF INVENTION: Process for typing of HCV isolates

; FILE REFERENCE: 2551-111
; CURRENT APPLICATION NUMBER: US/09/899,082B
; CURRENT FILING DATE: 2001-07-06

; PRIOR APPLICATION NUMBER: 09/378,900

; PRIOR FILING DATE: 1999-08-23

; PRIOR APPLICATION NUMBER: 09/044,665

; PRIOR FILING DATE: 1998-03-19

; PRIOR APPLICATION NUMBER: 08/256,568

; PRIOR FILING DATE: 1994-07-18

; PRIOR APPLICATION NUMBER: PCT/EP93/03325

; PRIOR FILING DATE: 1993-11-26

; PRIOR APPLICATION NUMBER: EP92403222

; PRIOR FILING DATE: 1992-11-27

; PRIOR APPLICATION NUMBER: EP93402129

; PRIOR FILING DATE: 1993-08-31

; NUMBER OF SEQ ID NOS: 128

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 102

; LENGTH: 190

; TYPE: DNA

; ORGANISM: hepatitis C virus

US-09-899-082B-102

Query Match 100.0%; Score 20; DB 3; Length 190;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 1 TTGCGACCCCAACTACTC 20
Db 179 TTGCGACCCCAACTACTC 160

RESULT 25

US-08-244-116B-12/c

; Sequence 12, Application US/08244116B

; Patent No. 5763159

; GENERAL INFORMATION:
; APPLICANT: Simmonds, Peter
; APPLICANT: Chan, Shiu-Wan
; APPLICANT: Yap, peng L.
; TITLE OF INVENTION: Hepatitis-C Virus Testing
; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Bell, Seltzer, Park & Gibson, P.A.
; STREET: 1211 East Morehead Street
; CITY: Charlotte
; STATE: No. 5763159th Carolina
; COUNTRY: United States
; ZIP: 28234
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0. Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/244,116B
; FILING DATE: 15-JUL-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/GB92/02143
; FILING DATE: 20-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Sibley, Kenneth D.
; REGISTRATION NUMBER: 31,665
; REFERENCE/DOCKET NUMBER: 1749-125
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 704-377-1561
; TELEFAX: 704-334-2014
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 194 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Hepatitis-C virus
US-08-244-116B-12

Query Match 100.0%; Score 20; DB 2; Length 194;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 1 TTGCGACCCCAACTACTC 20
Db 189 TTGCGACCCCAACTACTC 170

RESULT 26

US-09-899-082B-103/c

; Sequence 103, Application US/09899082B

; Patent No. 6891026

; GENERAL INFORMATION:

; APPLICANT: Innogenetics N.V.

; TITLE OF INVENTION: Process for typing of HCV isolates

; FILE REFERENCE: 2551-111

; CURRENT APPLICATION NUMBER: US/09/899,082B

; CURRENT FILING DATE: 2001-07-06

; PRIOR APPLICATION NUMBER: 09/378,900

; PRIOR FILING DATE: 1999-08-23

; PRIOR APPLICATION NUMBER: 09/044,665

; PRIOR FILING DATE: 1998-03-19

; PRIOR APPLICATION NUMBER: 08/256,568

; PRIOR FILING DATE: 1994-07-18

; PRIOR APPLICATION NUMBER: PCT/EP93/03325

; PRIOR FILING DATE: 1993-11-26

; PRIOR APPLICATION NUMBER: EP92403222

;; PRIOR FILING DATE: 1992-11-27
;; PRIOR APPLICATION NUMBER: EP93402129
;; PRIOR FILING DATE: 1993-08-31
;; NUMBER OF SEQ ID NOS: 128
;; SOFTWARE: PatentIn version 3.1
;; SEQ ID NO 103
;; LENGTH: 227
;; TYPE: DNA
;; ORGANISM: hepatitis C virus
US-09-899-082B-103

Query Match 100.0%; Score 20; DB 3; Length 227;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTTCGGACCCCAACTACTC 20
Db 216 TTTCGGACCCCAACTACTC 197

RESULT 27
US-09-034-205-37/c
; Sequence 37, Application US/09034205
; Patent No. 6194149
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor I.
; APPLICANT: Brow, Mary Ann D.
; APPLICANT: Fors, Lance
; APPLICANT: Neri, Bruce P.
; TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING
; TITLE OF INVENTION: STRUCTURE-BRIDGING OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 68
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL, LLP
; STREET: 220 Montgomery Street, Suite 2200
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94104

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/034,205
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: MacKnight, Kamrin T.
REGISTRATION NUMBER: 38,230
REFERENCE/DOCKET NUMBER: FORS-03268
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 37:
SEQUENCE CHARACTERISTICS:
LENGTH: 232 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"

US-09-034-205-37
Query Match 100.0%; Score 20; DB 3; Length 232;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 TTTCGGACCCCAACTACTC 20
Db 199 TTTCGGACCCCAACTACTC 180

US-09-034-205-37
Query Match 100.0%; Score 20; DB 3; Length 232;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTTCGGACCCCAACTACTC 20
Db 199 TTTCGGACCCCAACTACTC 180

RESULT 28
US-08-934-097A-37/c
; Sequence 37, Application US/08934097A
; Patent No. 6210880
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor I.
; APPLICANT: Brow, Mary Ann D.
; APPLICANT: Fors, Lance
; APPLICANT: Neri, Bruce P.
; TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
; TITLE OF INVENTION: Structure Probing With Structure-Bridging
; TITLE OF INVENTION: Oligonucleotides.
; NUMBER OF SEQUENCES: 51
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL, LLP
; STREET: 220 Montgomery Street, Suite 2200
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94104

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/934,097A
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: MacKnight, Kamrin T.
REGISTRATION NUMBER: 38,230
REFERENCE/DOCKET NUMBER: FORS-02980
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 37:
SEQUENCE CHARACTERISTICS:
LENGTH: 232 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"

US-08-934-097A-37
Query Match 100.0%; Score 20; DB 3; Length 232;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 TTTCGGACCCCAACTACTC 20
Db 199 TTTCGGACCCCAACTACTC 180

US-08-934-097A-37
Query Match 100.0%; Score 20; DB 3; Length 232;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTTCGGACCCCAACTACTC 20
Db 199 TTTCGGACCCCAACTACTC 180

RESULT 29
US-08-851-588-37/c
; Sequence 37, Application US/08851588
; Patent No. 6214545
; GENERAL INFORMATION:
; APPLICANT: Dong, Fang
; APPLICANT: Lyamichev, Victor I.
; APPLICANT: Prudent, James R.
; APPLICANT: Dahlberg, James E.
; APPLICANT: Fors, Lance
; TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
; TITLE OF INVENTION: Structure Probing
; NUMBER OF SEQUENCES: 38
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL, LLP
; STREET: 220 Montgomery Street, Suite 2200
; CITY: San Francisco

```
; STATE: CA
; COUNTRY: USA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/851,588
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Ingolia, Diane E.
; REGISTRATION NUMBER: 40,027
; REFERENCE/DOCKET NUMBER: FORS-02777
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 397-8338
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 37:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 232 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; MOLECULE TYPE: other nucleic acid
; TOPOLOGY: linear
; DESCRIPTION: /desc = "DNA"
; US-08-851-588-37

Query Match 100.0%; Score 20; DB 3; Length 232;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTTCGGACCCCACTACTC 20
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DB 199 TTTCGGACCCCACTACTC 180

RESULT 30
US-09-677-218B-37/c
; Sequence 37, Application US/09677218B
; Patent No. 6355437
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor I.
; Fors, Lance P.
; Neri, Bruce P.
; TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING STRUCTURE-BRIDGING OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 68
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL, LLP
; STREET: 220 Montgomery Street, Suite 2200
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/677,218B
; FILING DATE: 02-Oct-2000
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION NUMBER:
; APPLICATION NUMBER: 09/034,205
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: MacKnight, Kamrin T.
; REGISTRATION NUMBER: 38,230
; REFERENCE/DOCKET NUMBER: FORS-03268
```

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; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 37:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 232 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "DNA"
; SEQUENCE DESCRIPTION: SEQ ID NO: 37:
US-09-677-218B-37

Query Match 100.0%; Score 20; DB 3; Length 232;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTTCGGACCCCACTACTC 20
|||
DB 199 TTTCGGACCCCACTACTC 180

RESULT 31
US-09-677-192-37/c
; Sequence 37, Application US/09677192
; Patent No. 6358691
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor I.
; APPLICANT: Brow, Mary Ann D.
; APPLICANT: Fors, Lance
; APPLICANT: Neri, Bruce P.
; TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING STRUCTURE-BRIDGING OLIGONUCLEOTIDES
; FILE REFERENCE: FORS-04708
; CURRENT APPLICATION NUMBER: US/09/677,192
; CURRENT FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: 09/034,205
; PRIOR FILING DATE: 1998-03-03
; NUMBER OF SEQ ID NOS: 68
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 37
; LENGTH: 232
; TYPE: DNA
; ORGANISM: Hepatitis C virus
; US-09-677-192-37

Query Match 100.0%; Score 20; DB 3; Length 232;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTTCGGACCCCACTACTC 20
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DB 199 TTTCGGACCCCACTACTC 180

RESULT 32
US-09-402-618B-37/c
; Sequence 37, Application US/09402618B
; Patent No. 6709815
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor
; APPLICANT: Prudent, James
; APPLICANT: Fors, Lance
; APPLICANT: Neri, Bruce
; APPLICANT: Brow, Mary Ann
; APPLICANT: Anderson, Todd
; APPLICANT: Dahlberg, James
; TITLE OF INVENTION: Target-Dependent Reactions Using Structure-Bridging Oligonucleotides
; FILE REFERENCE: FORS-04012
; CURRENT APPLICATION NUMBER: US/09/402,618B
; CURRENT FILING DATE: 2000-07-18
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Db 199 TTCCGACCCCAACTACTC 180

RESULT 34
US-09-676-768-37/c
; Sequence 37, Application US/09676768
; Patent No. 6780585
; GENERAL INFORMATION:
; APPLICANT: Dong, Fang
;             Lyamichev, Victor I.
;             Prudent, James R.
;             Dahlberg, James E.
;             Fors, Lance
; TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
;                     Structure Probing
; NUMBER OF SEQUENCES: 38
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL, LLP
; STREET: 220 Montgomery Street, Suite 2200
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.30.
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/676,768
; FILING DATE: 02-Oct-2000
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/851,588
; FILING DATE: 05-May-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Ingolia, Diane E.
; REGISTRATION NUMBER: 40,027
; REFERENCE/DOCKET NUMBER: FORS-02777
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 37:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 232 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "DNA"
; SEQUENCE DESCRIPTION: SEQ ID NO: 37:
US-09-676-768-37

Query Match 100.0%; Score 20; DB 3; Length 232;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0

Qy 1 TTCCGACCCCAACTACTC 20
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Db 199 TTCCGACCCCAACTACTC 180

RESULT 35
US-09-034-205-32/c
; Sequence 32, Application US/09034205
; Patent No. 619419
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor I.
; APPLICANT: Brow, Mary Ann D.
; APPLICANT: Fors, Lance
; APPLICANT: Nexi, Bruce P.

```

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;
; TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING
; TITLE OF INVENTION: STRUCTURE-BRIDGING OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 68
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL, LLP
; STREET: 220 Montgomery Street, Suite 2200
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/034,205
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: MacKnight, Kamrin T.
; REGISTRATION NUMBER: 38,230
; REFERENCE/DOCKET NUMBER: FORS-03268
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 32:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 239 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "DNA"
;
; US-09-034-205-32
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; Query Match 100.0%; Score 20; DB 3; Length 239;
; Best Local Similarity 100.0%; Pred. No. 0.0033;
; Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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; QY 1 TTCGGACCCCAACTACTC 20
; DB 206 TTCGGACCCCAACTACTC 187
;
; RESULT 36
; US-09-034-205-36/c
; Sequence 36, Application US/09034205
; Patent No. 6194149
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor I.
; APPLICANT: Brow, Mary Ann D.
; APPLICANT: Fors, Lance
; APPLICANT: Neri, Bruce P.
; TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING
; TITLE OF INVENTION: STRUCTURE-BRIDGING OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 68
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL, LLP
; STREET: 220 Montgomery Street, Suite 2200
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/034,205
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: MacKnight, Kamrin T.
; REGISTRATION NUMBER: 38,230
; REFERENCE/DOCKET NUMBER: FORS-03268
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 32:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 239 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "DNA"
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; US-09-034-205-32
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; Query Match 100.0%; Score 20; DB 3; Length 239;
; Best Local Similarity 100.0%; Pred. No. 0.0033;
; Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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; QY 1 TTCGGACCCCAACTACTC 20
; DB 206 TTCGGACCCCAACTACTC 187
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; RESULT 36
; US-09-034-205-36/c
; Sequence 36, Application US/09034205
; Patent No. 6194149
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor I.
; APPLICANT: Brow, Mary Ann D.
; APPLICANT: Fors, Lance
; APPLICANT: Neri, Bruce P.
; TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING
; TITLE OF INVENTION: STRUCTURE-BRIDGING OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 68
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL, LLP
; STREET: 220 Montgomery Street, Suite 2200
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/034,205
; FILING DATE:
; CLASSIFICATION:
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; ATTORNEY/AGENT INFORMATION:
; NAME: MacKnight, Kamrin T.
; REGISTRATION NUMBER: 38,230
; REFERENCE/DOCKET NUMBER: FORS-03268
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 36:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 239 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "DNA"
;
; US-09-034-205-36
;
; Query Match 100.0%; Score 20; DB 3; Length 239;
; Best Local Similarity 100.0%; Pred. No. 0.0033;
; Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
; QY 1 TTCGGACCCCAACTACTC 20
; DB 206 TTCGGACCCCAACTACTC 187
;
; RESULT 37
; US-08-934-097A-32/c
; Sequence 32, Application US/08934097A
; Patent No. 6210880
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor I.
; APPLICANT: Brow, Mary Ann D.
; APPLICANT: Fors, Lance
; APPLICANT: Neri, Bruce P.
; TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
; TITLE OF INVENTION: Structure Probing With Structure-Bridging
; TITLE OF INVENTION: Oligonucleotides.
; NUMBER OF SEQUENCES: 51
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL, LLP
; STREET: 220 Montgomery Street, Suite 2200
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/934,097A
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: MacKnight, Kamrin T.
; REGISTRATION NUMBER: 38,230
; REFERENCE/DOCKET NUMBER: FORS-02980
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 32:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 239 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "DNA"
;
; US-08-934-097A-32
;
; Query Match 100.0%; Score 20; DB 3; Length 239;
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Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTCGCGACCCCAACTACTC 20
Db 206 TTCGCGACCCCAACTACTC 187

RESULT 38
US-08-934-097A-36/c
; Sequence 36, Application US/08934097A
; Patent No. 6210880
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor I.
; APPLICANT: Brow, Mary Ann D.
; APPLICANT: Fors, Lance
; APPLICANT: Neri, Bruce P.
; TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
; TITLE OF INVENTION: Structure Probing With Structure-Bridging
; NUMBER OF SEQUENCES: 51
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL, LLP
; STREET: 220 Montgomery Street, Suite 2200
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/934,097A
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: MacKnight, Kamrin T.
; REGISTRATION NUMBER: 38,230
; REFERENCE/DOCKET NUMBER: FORS-02980
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 36:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 239 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "DNA"
US-08-934-097A-36

Query Match 100.0%; Score 20; DB 3; Length 239;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTCGCGACCCCAACTACTC 20
Db 206 TTCGCGACCCCAACTACTC 187

RESULT 39
US-08-851-588-32/c
; Sequence 32, Application US/08851588
; Patent No. 6214545
; GENERAL INFORMATION:
; APPLICANT: Dong, Fang
; APPLICANT: Lyamichev, Victor I.
; APPLICANT: Prudent, James R.
; APPLICANT: Dahlberg, James E.
; TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
; TITLE OF INVENTION: Structure Probing
; NUMBER OF SEQUENCES: 38
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL, LLP
; STREET: 220 Montgomery Street, Suite 2200
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/851,588
; FILING DATE:
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; TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
; TITLE OF INVENTION: Structure Probing
; NUMBER OF SEQUENCES: 38
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL, LLP
; STREET: 220 Montgomery Street, Suite 2200
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/851,588
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Ingolia, Diane E.
; REGISTRATION NUMBER: 40,027
; REFERENCE/DOCKET NUMBER: FORS-02777
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 32:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 239 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "DNA"
US-08-851-588-32

Query Match 100.0%; Score 20; DB 3; Length 239;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTCGCGACCCCAACTACTC 20
Db 206 TTCGCGACCCCAACTACTC 187

RESULT 40
US-08-851-588-36/c
; Sequence 36, Application US/08851588
; Patent No. 6214545
; GENERAL INFORMATION:
; APPLICANT: Dong, Fang
; APPLICANT: Lyamichev, Victor I.
; APPLICANT: Prudent, James R.
; APPLICANT: Dahlberg, James E.
; TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
; TITLE OF INVENTION: Structure Probing
; NUMBER OF SEQUENCES: 38
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL, LLP
; STREET: 220 Montgomery Street, Suite 2200
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/851,588
; FILING DATE:
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; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Ingolia, Diane E.
; REGISTRATION NUMBER: 40,027
; REFERENCE/DOCKET NUMBER: FORS-027777
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 36:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 239 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "DNA"
;
US-08-851-588-36
Query Match 100.0%; Score 20; DB 3; Length 239;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTGCGACCCCAACTACTC 20
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Db 206 TTGCGACCCCAACTACTC 187
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RESULT 41
US-09-677-218B-32/c
; Sequence 32, Application US/09677218B
; Patent No. 6355437
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor I.
; Brow, Mary Ann D.
; Fors, Lance
; Neri, Bruce P.
; TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING
; STRUCTURE-BRIDGING OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 68
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL, LLP
; STREET: 220 Montgomery Street, Suite 2200
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/677,218B
; FILING DATE: 02-Oct-2000
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/034,205
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: MacKnight, Kamrin T.
; REGISTRATION NUMBER: 38,230
; REFERENCE/DOCKET NUMBER: FORS-03268
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 32:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 239 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "DNA"
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; SEQUENCE DESCRIPTION: SEQ ID NO: 32:
US-09-677-218B-32
Query Match 100.0%; Score 20; DB 3; Length 239;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTGCGACCCCAACTACTC 20
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Db 206 TTGCGACCCCAACTACTC 187
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RESULT 42
US-09-677-218B-36/c
; Sequence 36, Application US/09677218B
; Patent No. 6355437
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor I.
; Brow, Mary Ann D.
; Fors, Lance
; Neri, Bruce P.
; TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING
; STRUCTURE-BRIDGING OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 68
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL, LLP
; STREET: 220 Montgomery Street, Suite 2200
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/677,218B
; FILING DATE: 02-Oct-2000
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/034,205
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: MacKnight, Kamrin T.
; REGISTRATION NUMBER: 38,230
; REFERENCE/DOCKET NUMBER: FORS-03268
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 36:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 239 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "DNA"
;
US-09-677-218B-36
Query Match 100.0%; Score 20; DB 3; Length 239;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTGCGACCCCAACTACTC 20
| | | | | | | | | | | | | | | | | | | | |
Db 206 TTGCGACCCCAACTACTC 187
| | | | | | | | | | | | | | | | | | | | |

RESULT 43
US-09-677-192-32/c
; Sequence 32, Application US/09677192
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; Patent No. 6358691
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor I.
; APPLICANT: Brow, Mary Ann D.
; APPLICANT: Fors, Lance
; APPLICANT: Neri, Bruce P.
; TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING STRUCTURE-BRIDGING OLIGONUCLEOTIDES
; FILE REFERENCE: FORS-04708
; CURRENT APPLICATION NUMBER: US/09/677,192
; PRIOR FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: 09/034,205
; PRIOR FILING DATE: 1998-03-03
; NUMBER OF SEQ ID NOS: 68
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 32
; LENGTH: 239
; TYPE: DNA
; ORGANISM: Hepatitis C virus
US-09-677-192-32

Query Match 100.0%; Score 20; DB 3; Length 239;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTCCGGACCCCAACTACTC 20
DB 206 TTCCGGACCCCAACTACTC 187

RESULT 44
US-09-677-192-36/c
; Sequence 36, Application US/09677192
; Patent No. 6358691
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor I.
; APPLICANT: Brow, Mary Ann D.
; APPLICANT: Fors, Lance
; APPLICANT: Neri, Bruce P.
; TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING STRUCTURE-BRIDGING OLIGONUCLEOTIDES
; FILE REFERENCE: FORS-04708
; CURRENT APPLICATION NUMBER: US/09/677,192
; PRIOR FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: 09/034,205
; PRIOR FILING DATE: 1998-03-03
; NUMBER OF SEQ ID NOS: 68
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 36
; LENGTH: 239
; TYPE: DNA
; ORGANISM: Hepatitis C virus
US-09-677-192-36

Query Match 100.0%; Score 20; DB 3; Length 239;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTCCGGACCCCAACTACTC 20
DB 206 TTCCGGACCCCAACTACTC 187

RESULT 45
US-09-402-618B-32/c
; Sequence 32, Application US/09402618B
; Patent No. 6709815
; GENERAL INFORMATION:
; APPLICANT: Dong, Fang
; APPLICANT: Lyamichev, Victor
; APPLICANT: Prudent, James
; APPLICANT: Fors, Lance
; APPLICANT: Neri, Bruce P.
; TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid Structure Probing With Structure-Bridging

; APPLICANT: Brow, Mary Ann
; APPLICANT: Anderson, Todd
; APPLICANT: Dahlberg, James
; TITLE OF INVENTION: Target-Dependent Reactions Using Structure-Bridging Oligonucleot
; FILE REFERENCE: FORS-04012
; CURRENT APPLICATION NUMBER: US/09/402,618B
; CURRENT FILING DATE: 2000-07-18
; PRIOR APPLICATION NUMBER: PCT/US98/03194
; PRIOR FILING DATE: 1998-05-05
; NUMBER OF SEQ ID NOS: 128
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 32
; LENGTH: 239
; TYPE: DNA
; ORGANISM: Hepatitis C virus
US-09-402-618B-32

Query Match 100.0%; Score 20; DB 3; Length 239;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTCCGGACCCCAACTACTC 20
DB 206 TTCCGGACCCCAACTACTC 187

RESULT 46
US-09-402-618B-36/c
; Sequence 36, Application US/09402618B
; Patent No. 6709815
; GENERAL INFORMATION:
; APPLICANT: Dong, Fang
; APPLICANT: Lyamichev, Victor
; APPLICANT: Prudent, James
; APPLICANT: Fors, Lance
; APPLICANT: Neri, Bruce
; APPLICANT: Brow, Mary Ann
; APPLICANT: Anderson, Todd
; APPLICANT: Dahlberg, James
; TITLE OF INVENTION: Target-Dependent Reactions Using Structure-Bridging Oligonucleot
; FILE REFERENCE: FORS-04012
; CURRENT APPLICATION NUMBER: US/09/402,618B
; CURRENT FILING DATE: 2000-07-18
; PRIOR APPLICATION NUMBER: PCT/US98/03194
; PRIOR FILING DATE: 1998-05-05
; NUMBER OF SEQ ID NOS: 128
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 36
; LENGTH: 239
; TYPE: DNA
; ORGANISM: Hepatitis C virus
US-09-402-618B-36

Query Match 100.0%; Score 20; DB 3; Length 239;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTCCGGACCCCAACTACTC 20
DB 206 TTCCGGACCCCAACTACTC 187

RESULT 47
US-09-825-574-32/c
; Sequence 32, Application US/09825574
; Patent No. 6709819
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor I.
; APPLICANT: Brow, Mary Ann D.
; APPLICANT: Fors, Lance
; APPLICANT: Neri, Bruce P.
; TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid Structure Probing With Structure-Bridging


```
;
; Oligonucleotides.
;
; NUMBER OF SEQUENCES: 51
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL, LLP
; STREET: 220 Montgomery Street, Suite 2200
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94104
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/825,574
; FILING DATE: 03-Apr-2001
; CLASSIFICATION: <Unknown>
;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/934,097
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: MacKnight, Kamrin T.
; REGISTRATION NUMBER: 38,230
; REFERENCE/DOCKET NUMBER: FORS-02980
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
;
; INFORMATION FOR SEQ ID NO: 32:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 239 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "DNA"
; SEQUENCE DESCRIPTION: SEQ ID NO: 32:
US-09-825-574-32
Query Match 100.0%; Score 20; DB 3; Length 239;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 1 TTGCGACCCCAACTACTC 20
Db 206 TTGCGACCCCAACTACTC 187

RESULT 48
US-09-825-574-36/c
; Sequence 36, Application US/09825574
; Patent No. 6709819
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor I.
; Brow, Mary Ann D.
; Fors, Lance
; Neri, Bruce P.
;
; TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
; Structure Probing With Structure-Bridging
; Oligonucleotides.
;
; NUMBER OF SEQUENCES: 51
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL, LLP
; STREET: 220 Montgomery Street, Suite 2200
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94104
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
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;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/825,574
; FILING DATE: 03-Apr-2001
; CLASSIFICATION: <Unknown>
;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/934,097
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: MacKnight, Kamrin T.
; REGISTRATION NUMBER: 38,230
; REFERENCE/DOCKET NUMBER: FORS-02980
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
;
; INFORMATION FOR SEQ ID NO: 36:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 239 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "DNA"
; SEQUENCE DESCRIPTION: SEQ ID NO: 36:
US-09-825-574-36
Query Match 100.0%; Score 20; DB 3; Length 239;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 1 TTGCGACCCCAACTACTC 20
Db 206 TTGCGACCCCAACTACTC 187

RESULT 49
US-09-676-768-32/c
; Sequence 32, Application US/09676768
; Patent No. 6780585
; GENERAL INFORMATION:
; APPLICANT: Dong, Fang
; Lyamichev, Victor I.
; Prudent, James R.
; Dahlberg, James E.
; Fors, Lance
;
; TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
; Structure Probing
;
; NUMBER OF SEQUENCES: 36
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL, LLP
; STREET: 220 Montgomery Street, Suite 2200
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94104
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/676,768
; FILING DATE: 02-Oct-2000
; CLASSIFICATION: 435
;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/851,588
; FILING DATE: 05-May-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Ingolia, Diane E.
; REGISTRATION NUMBER: 40,027
; REFERENCE/DOCKET NUMBER: FORS-02777
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
```


ADDRESSEE: MEDLEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
STATE: CA
COUNTRY: USA
ZIP: 94104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/034,205
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: MacKnight, Kamrin T.
REGISTRATION NUMBER: 38,230
REFERENCE/DOCKET NUMBER: FORS-03268
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 35:
SEQUENCE CHARACTERISTICS:
LENGTH: 240 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
US-09-034-205-35

Query Match 100.0%; Score 20; DB 3; Length 240;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCAACTACTC 20
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Db 207 TTTCGGACCCCAACTACTC 188

RESULT 53
US-09-034-205-38/c
Sequence 38, Application US/09034205
Patent No. 6194149
GENERAL INFORMATION:
APPLICANT: Lyamichev, Victor I.
APPLICANT: Brow, Mary Ann D.
APPLICANT: Fors, Lance
APPLICANT: Neri, Bruce P.
TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING
NUMBER OF SEQUENCES: 68
CORRESPONDENCE ADDRESS:
ADDRESS: MEDLEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
STATE: CA
COUNTRY: USA
ZIP: 94104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/034,205
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: MacKnight, Kamrin T.
REGISTRATION NUMBER: 38,230
REFERENCE/DOCKET NUMBER: FORS-03268

TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 38:
SEQUENCE CHARACTERISTICS:
LENGTH: 240 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
US-09-034-205-38

Query Match 100.0%; Score 20; DB 3; Length 240;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCAACTACTC 20
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Db 208 TTTCGGACCCCAACTACTC 189

RESULT 54
US-08-934-097A-33/c
Sequence 33, Application US/08934097A
Patent No. 6210880
GENERAL INFORMATION:
APPLICANT: Lyamichev, Victor I.
APPLICANT: Brow, Mary Ann D.
APPLICANT: Fors, Lance
APPLICANT: Neri, Bruce P.
TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
TITLE OF INVENTION: Structure Probing With Structure-Bridging
TITLE OF INVENTION: Oligonucleotides.
NUMBER OF SEQUENCES: 51
CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
STATE: CA
COUNTRY: USA
ZIP: 94104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/934,097A
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: MacKnight, Kamrin T.
REGISTRATION NUMBER: 38,230
REFERENCE/DOCKET NUMBER: FORS-02980
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 33:
SEQUENCE CHARACTERISTICS:
LENGTH: 240 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
US-08-934-097A-33

Query Match 100.0%; Score 20; DB 3; Length 240;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCAACTACTC 20

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Db      207 TTTCGGACCAACTACTC 188
|||||
RESULT 55
US-08-934-097A-35/c
; Sequence 35, Application US/08934097A
; Patent No. 6210880
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor I.
; APPLICANT: Brow, Mary Ann D.
; APPLICANT: Fors, Lance
; APPLICANT: Neri, Bruce P.
; TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
; TITLE OF INVENTION: Structure Probing With Structure-Bridging
; NUMBER OF INVENTION: Oligonucleotides.
; NUMBER OF SEQUENCES: 51
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL, LLP
; STREET: 220 Montgomery Street, Suite 2200
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/934,097A
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: MacKnight, Kamrin T.
; REGISTRATION NUMBER: 38,230
; REFERENCE/DOCKET NUMBER: FORS-02980
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 397-8338
; TELEFAX: (415) 705-8410
; INFORMATION FOR SEQ ID NO: 35:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 240 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "DNA"
US-08-934-097A-35
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: MacKnight, Kamrin T.
; REGISTRATION NUMBER: 38,230
; REFERENCE/DOCKET NUMBER: FORS-02980
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 397-8338
; TELEFAX: (415) 705-8410
; INFORMATION FOR SEQ ID NO: 35:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 240 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "DNA"
US-08-934-097A-35
Query Match      100.0%; Score 20; DB 3; Length 240;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 TTTCGGACCAACTACTC 20
|||||
Db      207 TTTCGGACCAACTACTC 188
|||||
RESULT 56
US-08-934-097A-38/c
; Sequence 38, Application US/08934097A
; Patent No. 6210880
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor I.
; APPLICANT: Brow, Mary Ann D.
; APPLICANT: Fors, Lance
; APPLICANT: Neri, Bruce P.
; TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
; TITLE OF INVENTION: Structure Probing With Structure-Bridging
; NUMBER OF INVENTION: Oligonucleotides.
; NUMBER OF SEQUENCES: 51
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL, LLP
; STREET: 220 Montgomery Street, Suite 2200
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/851,588
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Ingolia, Diane E.
; REGISTRATION NUMBER: 40,027
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL, LLP
; STREET: 220 Montgomery Street, Suite 2200
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/851,588
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Ingolia, Diane E.
; REGISTRATION NUMBER: 40,027
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL, LLP
; STREET: 220 Montgomery Street, Suite 2200
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/934,097A
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: MacKnight, Kamrin T.
; REGISTRATION NUMBER: 38,230
; REFERENCE/DOCKET NUMBER: FORS-02980
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 397-8338
; TELEFAX: (415) 705-8410
; INFORMATION FOR SEQ ID NO: 35:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 240 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "DNA"
US-08-934-097A-35
Query Match      100.0%; Score 20; DB 3; Length 240;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 TTTCGGACCAACTACTC 20
|||||
Db      207 TTTCGGACCAACTACTC 188
|||||
RESULT 57
US-08-851-588-33/c
; Sequence 33, Application US/08851588
; Patent No. 6214545
; GENERAL INFORMATION:
; APPLICANT: Dong, Fang
; APPLICANT: Lyamichev, Victor I.
; APPLICANT: Prudent, James R.
; APPLICANT: Dahlberg, James E.
; APPLICANT: Fors, Lance
; TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
; TITLE OF INVENTION: Structure Probing
; NUMBER OF SEQUENCES: 38
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL, LLP
; STREET: 220 Montgomery Street, Suite 2200
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/851,588
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Ingolia, Diane E.
; REGISTRATION NUMBER: 40,027
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL, LLP
; STREET: 220 Montgomery Street, Suite 2200
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/934,097A
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: MacKnight, Kamrin T.
; REGISTRATION NUMBER: 38,230
; REFERENCE/DOCKET NUMBER: FORS-02980
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 397-8338
; TELEFAX: (415) 705-8410
; INFORMATION FOR SEQ ID NO: 35:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 240 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "DNA"
US-08-934-097A-38
Query Match      100.0%; Score 20; DB 3; Length 240;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 TTTCGGACCAACTACTC 20
|||||
Db      208 TTTCGGACCAACTACTC 189
|||||
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REFERENCE/DOCKET NUMBER: FORS-02777
TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 33:
SEQUENCE CHARACTERISTICS:
LENGTH: 240 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
US-08-851-588-33

Query Match 100.0%; Score 20; DB 3; Length 240;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGACCCCAACTACTC 20
Db 207 TTTCGACCCCAACTACTC 188

RESULT 58
US-08-851-588-35/c
Sequence 35, Application US/08851588
Patent No. 6214545
GENERAL INFORMATION:
APPLICANT: Dong, Fang
APPLICANT: Lyamichev, Victor I.
APPLICANT: Prudent, James R.
APPLICANT: Dahlberg, James E.
APPLICANT: Fors, Lance
TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
TITLE OF INVENTION: Structure Probing
NUMBER OF SEQUENCES: 38
CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
STATE: CA
COUNTRY: USA
ZIP: 94104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/851,588
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Ingolia, Diane E.
REGISTRATION NUMBER: 40,027
REFERENCE/DOCKET NUMBER: FORS-02777
TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 35:
SEQUENCE CHARACTERISTICS:
LENGTH: 240 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
US-08-851-588-35

Query Match 100.0%; Score 20; DB 3; Length 240;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGACCCCAACTACTC 20
Db 207 TTTCGACCCCAACTACTC 188

RESULT 59
US-08-851-588-38/c
Sequence 38, Application US/08851588
Patent No. 6214545
GENERAL INFORMATION:
APPLICANT: Dong, Fang
APPLICANT: Lyamichev, Victor I.
APPLICANT: Prudent, James R.
APPLICANT: Dahlberg, James E.
APPLICANT: Fors, Lance
TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
TITLE OF INVENTION: Structure Probing
NUMBER OF SEQUENCES: 38
CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
STATE: CA
COUNTRY: USA
ZIP: 94104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/851,588
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Ingolia, Diane E.
REGISTRATION NUMBER: 40,027
REFERENCE/DOCKET NUMBER: FORS-02777
TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 38:
SEQUENCE CHARACTERISTICS:
LENGTH: 240 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
US-08-851-588-38

Query Match 100.0%; Score 20; DB 3; Length 240;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGACCCCAACTACTC 20
Db 208 TTTCGACCCCAACTACTC 189

RESULT 60
US-08-677-218B-33/c
Sequence 33, Application US/09677218B
Patent No. 6355437
GENERAL INFORMATION:
APPLICANT: Lyamichev, Victor I.
APPLICANT: Brow, Mary Ann D.
APPLICANT: Fors, Lance
APPLICANT: Neri, Bruce P.
TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING
STRUCTURE-BRIDGING OLIGONUCLEOTIDES
NUMBER OF SEQUENCES: 68
CORRESPONDENCE ADDRESS:

```
;
; ADDRESS: MEDLEN & CARROLL, LLP
; STREET: 220 Montgomery Street, Suite 2200
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94104
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/677,218B
; FILING DATE: 02-Oct-2000
; CLASSIFICATION: <Unknown>
;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/034,205
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: MacKnight, Kamrin T.
; REGISTRATION NUMBER: 38,230
; REFERENCE/DOCKET NUMBER: FORS-03268
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
;
; INFORMATION FOR SEQ ID NO: 33:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 240 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "DNA"
; SEQUENCE DESCRIPTION: SEQ ID NO: 33:
US-09-677-218B-33
;
; Query Match 100.0%; Score 20; DB 3; Length 240;
; Best Local Similarity 100.0%; Pred. No. 0.0033;
; Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
; QY 1 TTGCGACCCCACTACTC 20
; Db 207 TTGCGACCCCACTACTC 188
;
; RESULT 61
; US-09-677-218B-35/c
; Sequence 35, Application US/09677218B
; Patent No. 6355437
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor I.
; Brow, Mary Ann D.
; Fors, Lance
; Neri, Bruce P.
;
; TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING
; STRUCTURE-BRIDGING OLIGONUCLEOTIDES
;
; NUMBER OF SEQUENCES: 68
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL, LLP
; STREET: 220 Montgomery Street, Suite 2200
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94104
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/677,218B
; FILING DATE: 02-Oct-2000
; CLASSIFICATION: <Unknown>
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;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/034,205
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: MacKnight, Kamrin T.
; REGISTRATION NUMBER: 38,230
; REFERENCE/DOCKET NUMBER: FORS-03268
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
;
; INFORMATION FOR SEQ ID NO: 35:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 240 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "DNA"
; SEQUENCE DESCRIPTION: SEQ ID NO: 35:
US-09-677-218B-35
;
; Query Match 100.0%; Score 20; DB 3; Length 240;
; Best Local Similarity 100.0%; Pred. No. 0.0033;
; Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
; QY 1 TTGCGACCCCACTACTC 20
; Db 207 TTGCGACCCCACTACTC 188
;
; RESULT 62
; US-09-677-218B-38/c
; Sequence 38, Application US/09677218B
; Patent No. 6355437
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor I.
; Brow, Mary Ann D.
; Fors, Lance
; Neri, Bruce P.
;
; TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING
; STRUCTURE-BRIDGING OLIGONUCLEOTIDES
;
; NUMBER OF SEQUENCES: 68
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL, LLP
; STREET: 220 Montgomery Street, Suite 2200
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94104
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/677,218B
; FILING DATE: 02-Oct-2000
; CLASSIFICATION: <Unknown>
;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/034,205
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: MacKnight, Kamrin T.
; REGISTRATION NUMBER: 38,230
; REFERENCE/DOCKET NUMBER: FORS-03268
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
;
; INFORMATION FOR SEQ ID NO: 38:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 240 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
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; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "DNA"
; SEQUENCE DESCRIPTION: SEQ ID NO: 38:
US-09-677-218B-38

Query Match 100.0%; Score 20; DB 3; Length 240;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTCCGACCCCAACTACTC 20
| | | | | | | | | | | | | | | | | | | | | |
Db 208 TTCCGACCCCAACTACTC 189

RESULT 63

US-09-677-192-33/c
; Sequence 33, Application US/09677192
; Patent No. 6358691

GENERAL INFORMATION:

; APPLICANT: Lyamichev, Victor I.
; APPLICANT: Brow, Mary Ann D.
; APPLICANT: Fors, Lance
; APPLICANT: Neri, Bruce P.
; TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING STRUCTURE-BRIDGING
; FILE REFERENCE: FORS-04708
; CURRENT APPLICATION NUMBER: US/09/677,192
; CURRENT FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: 09/034,205
; PRIOR FILING DATE: 1998-03-03
; NUMBER OF SEQ ID NOS: 68
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 33
; LENGTH: 240
; TYPE: DNA
; ORGANISM: Hepatitis C virus
US-09-677-192-33

Query Match 100.0%; Score 20; DB 3; Length 240;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTCCGACCCCAACTACTC 20
| | | | | | | | | | | | | | | | | | | | | |
Db 207 TTCCGACCCCAACTACTC 188

RESULT 64

US-09-677-192-35/c
; Sequence 35, Application US/09677192
; Patent No. 6358691

GENERAL INFORMATION:

; APPLICANT: Lyamichev, Victor I.
; APPLICANT: Brow, Mary Ann D.
; APPLICANT: Fors, Lance
; APPLICANT: Neri, Bruce P.
; TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING STRUCTURE-BRIDGING
; FILE REFERENCE: FORS-04708
; CURRENT APPLICATION NUMBER: US/09/677,192
; CURRENT FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: 09/034,205
; PRIOR FILING DATE: 1998-03-03
; NUMBER OF SEQ ID NOS: 68
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 35
; LENGTH: 240
; TYPE: DNA
; ORGANISM: Hepatitis C virus
US-09-677-192-35

Query Match 100.0%; Score 20; DB 3; Length 240;

Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 TTCCGACCCCAACTACTC 20
| | | | | | | | | | | | | | | | | | | | | |
Db 207 TTCCGACCCCAACTACTC 188

RESULT 65

US-09-677-192-38/c
; Sequence 38, Application US/09677192
; Patent No. 6358691

GENERAL INFORMATION:

; APPLICANT: Lyamichev, Victor I.
; APPLICANT: Brow, Mary Ann D.
; APPLICANT: Fors, Lance
; APPLICANT: Neri, Bruce P.
; TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING STRUCTURE-BRIDGING
; FILE REFERENCE: FORS-04708
; CURRENT APPLICATION NUMBER: US/09/677,192
; CURRENT FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: 09/034,205
; PRIOR FILING DATE: 1998-03-03
; NUMBER OF SEQ ID NOS: 68
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 38
; LENGTH: 240
; TYPE: DNA
; ORGANISM: Hepatitis C virus
US-09-677-192-38

Query Match 100.0%; Score 20; DB 3; Length 240;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTCCGACCCCAACTACTC 20
| | | | | | | | | | | | | | | | | | | | | |
Db 208 TTCCGACCCCAACTACTC 189

RESULT 66

US-09-402-618B-33/c
; Sequence 33, Application US/09402618B
; Patent No. 6709815

GENERAL INFORMATION:

; APPLICANT: Dong, Fang
; APPLICANT: Lyamichev, Victor
; APPLICANT: Prudent, James
; APPLICANT: Fors, Lance
; APPLICANT: Neri, Bruce
; APPLICANT: Brow, Mary Ann
; APPLICANT: Anderson, Todd
; APPLICANT: Dahlberg, James
; TITLE OF INVENTION: Target-Dependent Reactions Using Structure-Bridging Oligonucleot
; FILE REFERENCE: FORS-04012
; CURRENT APPLICATION NUMBER: US/09/402,618B
; CURRENT FILING DATE: 2000-07-18
; PRIOR APPLICATION NUMBER: PCT/US98/03194
; PRIOR FILING DATE: 1998-05-05
; NUMBER OF SEQ ID NOS: 128
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 33
; LENGTH: 240
; TYPE: DNA
; ORGANISM: Hepatitis C virus
US-09-402-618B-33

Query Match 100.0%; Score 20; DB 3; Length 240;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTCCGACCCCAACTACTC 20


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Db      207 TTTCGGACCCCAACTACTC 188
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RESULT 67
US-09-402-618B-35/c
; Sequence 35, Application US/09402618B
; Patent No. 6709815
; GENERAL INFORMATION:
; APPLICANT: Dong, Fang
; APPLICANT: Lyamichev, Victor
; APPLICANT: Prudent, James
; APPLICANT: Fors, Lance
; APPLICANT: Neri, Bruce
; APPLICANT: Brow, Mary Ann
; APPLICANT: Dahlberg, James
; APPLICANT: Anderson, Todd
; TITLE OF INVENTION: Target-Dependent Reactions Using Structure-Bridging Oligonucleotides
; FILE REFERENCE: FORS-04012
; CURRENT APPLICATION NUMBER: US/09/402,618B
; CURRENT FILING DATE: 2000-07-18
; PRIOR APPLICATION NUMBER: PCT/US98/03194
; PRIOR FILING DATE: 1998-05-05
; NUMBER OF SEQ ID NOS: 128
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 35
; LENGTH: 240
; TYPE: DNA
; ORGANISM: Hepatitis C virus
US-09-402-618B-35
Query Match      100.0%; Score 20; DB 3; Length 240;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 TTTCGGACCCCAACTACTC 20
|||||
Db      207 TTTCGGACCCCAACTACTC 188
|||||
RESULT 68
US-09-402-618B-38/c
; Sequence 38, Application US/09402618B
; Patent No. 6709815
; GENERAL INFORMATION:
; APPLICANT: Dong, Fang
; APPLICANT: Lyamichev, Victor
; APPLICANT: Prudent, James
; APPLICANT: Fors, Lance
; APPLICANT: Neri, Bruce
; APPLICANT: Brow, Mary Ann
; APPLICANT: Anderson, Todd
; APPLICANT: Dahlberg, James
; TITLE OF INVENTION: Target-Dependent Reactions Using Structure-Bridging Oligonucleotides
; FILE REFERENCE: FORS-04012
; CURRENT APPLICATION NUMBER: US/09/402,618B
; CURRENT FILING DATE: 2000-07-18
; PRIOR APPLICATION NUMBER: PCT/US98/03194
; PRIOR FILING DATE: 1998-05-05
; NUMBER OF SEQ ID NOS: 128
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 38
; LENGTH: 240
; TYPE: DNA
; ORGANISM: Hepatitis C virus
US-09-402-618B-38
Query Match      100.0%; Score 20; DB 3; Length 240;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 TTTCGGACCCCAACTACTC 20
|||||
Db      207 TTTCGGACCCCAACTACTC 188
|||||
RESULT 69
US-09-825-574-33/c
; Sequence 33, Application US/09825574
; Patent No. 6709819
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor I.
; APPLICANT: Fors, Lance
; APPLICANT: Neri, Bruce P.
; APPLICANT: Brow, Mary Ann D.
; TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid Structure Probing With Structure-Bridging Oligonucleotides.
; NUMBER OF SEQUENCES: 51
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL, LLP
; STREET: 220 Montgomery Street, Suite 2200
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/825,574
; FILING DATE: 03-Apr-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/934,097
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: MacKnight, Kamrin T.
; REGISTRATION NUMBER: 38,230
; REFERENCE/DOCKET NUMBER: FORS-02980
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 33:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 240 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "DNA"
; SEQUENCE DESCRIPTION: SEQ ID NO: 33:
US-09-825-574-33
Query Match      100.0%; Score 20; DB 3; Length 240;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 TTTCGGACCCCAACTACTC 20
|||||
Db      207 TTTCGGACCCCAACTACTC 188
|||||
RESULT 70
US-09-825-574-35/c
; Sequence 35, Application US/09825574
; Patent No. 6709819
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor I.
; APPLICANT: Fors, Lance
; APPLICANT: Neri, Bruce P.
; TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid Structure Probing With Structure-Bridging
```


INFORMATION FOR SEQ ID NO: 33:
SEQUENCE CHARACTERISTICS:
LENGTH: 240 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
SEQUENCE DESCRIPTION: SEQ ID NO: 33:
US-09-676-768-33

Query Match 100.0%; Score 20; DB 3; Length 240;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTCGGACCCCAACTACTC 20
DB 207 TTCGGACCCCAACTACTC 188

RESULT 73

US-09-676-768-35/c
; Sequence 35, Application US/09676768
; Patent No. 6780585

GENERAL INFORMATION:

APPLICANT: Dong, Fang
; Lyamichev, Victor I.
; Prudent, James R.
; Dahlberg, James E.
; Fors, Lance

TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
Structure Probing

NUMBER OF SEQUENCES: 38

CORRESPONDENCE ADDRESS:

ADDRESSEE: MEDLEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
STATE: CA

COUNTRY: USA
ZIP: 94104

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/676,768
FILING DATE: 02-Oct-2000
CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/851,588
FILING DATE: 05-May-1997
ATTORNEY/AGENT INFORMATION:

NAME: Ingolia, Diane E.

REFERENCE/DOCKET NUMBER: FORS-02777

TELECOMMUNICATION INFORMATION:

TELEPHONE: (415) 705-8410

TELEFAX: (415) 397-8338

INFORMATION FOR SEQ ID NO: 35:

SEQUENCE CHARACTERISTICS:

LENGTH: 240 base pairs

TYPE: nucleic acid

STRANDEDNESS: double

TOPOLOGY: linear

MOLECULE TYPE: other nucleic acid

DESCRIPTION: /desc = "DNA"

SEQUENCE DESCRIPTION: SEQ ID NO: 35:

US-09-676-768-35

Query Match 100.0%; Score 20; DB 3; Length 240;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTCGGACCCCAACTACTC 20
DB 207 TTCGGACCCCAACTACTC 188

RESULT 74

US-09-676-768-38/c
; Sequence 38, Application US/09676768
; Patent No. 6780585

GENERAL INFORMATION:

APPLICANT: Dong, Fang
; Lyamichev, Victor I.
; Prudent, James R.
; Dahlberg, James E.
; Fors, Lance

TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
Structure Probing

NUMBER OF SEQUENCES: 38

CORRESPONDENCE ADDRESS:

ADDRESSEE: MEDLEN & CARROLL, LLP

STREET: 220 Montgomery Street, Suite 2200

CITY: San Francisco

STATE: CA

COUNTRY: USA

ZIP: 94104

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/676,768

FILING DATE: 02-Oct-2000

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/851,588

FILING DATE: 05-May-1997

ATTORNEY/AGENT INFORMATION:

NAME: Ingolia, Diane E.

REGISTRATION NUMBER: 40,027

REFERENCE/DOCKET NUMBER: FORS-02777

TELECOMMUNICATION INFORMATION:

TELEPHONE: (415) 705-8410

TELEFAX: (415) 397-8338

INFORMATION FOR SEQ ID NO: 38:

SEQUENCE CHARACTERISTICS:

LENGTH: 240 base pairs

TYPE: nucleic acid

STRANDEDNESS: double

TOPOLOGY: linear

MOLECULE TYPE: other nucleic acid

DESCRIPTION: /desc = "DNA"

SEQUENCE DESCRIPTION: SEQ ID NO: 38:

US-09-676-768-38

Query Match 100.0%; Score 20; DB 3; Length 240;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTCGGACCCCAACTACTC 20
DB 208 TTCGGACCCCAACTACTC 189

RESULT 75

US-09-034-205-26/c
; Sequence 26, Application US/09034205
; Patent No. 6194149

GENERAL INFORMATION:

APPLICANT: Lyamichev, Victor I.

APPLICANT: Brow, Mary Ann D.

APPLICANT: Fors, Lance

```
; APPLICANT: Neri, Bruce P.
; TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING
; STRUCTURE-BRIDGING OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 68
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL, LLP
; STREET: 220 Montgomery Street, Suite 2200
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; FILING DATE:
; APPLICATION NUMBER: US/09/034,205
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: MacKnight, Kamrin T.
; REGISTRATION NUMBER: 38,230
; REFERENCE/DOCKET NUMBER: FORS-03268
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 26:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 244 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "DNA"
US-09-034-205-26
Query Match 100.0%; Score 20; DB 3; Length 244;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGACCCCAACTACTC 20
   |||||
Db 208 TTTCGACCCCAACTACTC 189

RESULT 76
US-09-034-205-27/c
; Sequence 27, Application US/09034205
; Patent No. 6194149
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor I.
; APPLICANT: Brow, Mary Ann D.
; APPLICANT: Fors, Lance
; APPLICANT: Neri, Bruce P.
; TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING
; STRUCTURE-BRIDGING OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 68
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL, LLP
; STREET: 220 Montgomery Street, Suite 2200
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; FILING DATE:
; APPLICATION NUMBER: US/09/034,205
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: MacKnight, Kamrin T.
; REGISTRATION NUMBER: 38,230
; REFERENCE/DOCKET NUMBER: FORS-03268
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 29:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 244 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "DNA"
US-09-034-205-29
Query Match 100.0%; Score 20; DB 3; Length 244;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: MacKnight, Kamrin T.
; REGISTRATION NUMBER: 38,230
; REFERENCE/DOCKET NUMBER: FORS-03268
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 27:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 244 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "DNA"
US-09-034-205-27
Query Match 100.0%; Score 20; DB 3; Length 244;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGACCCCAACTACTC 20
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Db 208 TTTCGACCCCAACTACTC 189

RESULT 77
US-09-034-205-29/c
; Sequence 29, Application US/09034205
; Patent No. 6194149
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor I.
; APPLICANT: Brow, Mary Ann D.
; APPLICANT: Fors, Lance
; APPLICANT: Neri, Bruce P.
; TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING
; STRUCTURE-BRIDGING OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 68
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL, LLP
; STREET: 220 Montgomery Street, Suite 2200
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; FILING DATE:
; APPLICATION NUMBER: US/09/034,205
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: MacKnight, Kamrin T.
; REGISTRATION NUMBER: 38,230
; REFERENCE/DOCKET NUMBER: FORS-03268
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 29:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 244 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "DNA"
US-09-034-205-29
Query Match 100.0%; Score 20; DB 3; Length 244;
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Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTTCGGACCCCAACTACTC 20
   |||||
Db 208 TTTCGGACCCCAACTACTC 189

RESULT 78
US-09-034-205-31/c
; Sequence 31, Application US/09034205
; Patent No. 6194149
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor I.
; APPLICANT: Brow, Mary Ann D.
; APPLICANT: Neri, Bruce P.
; TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING
; STRUCTURE-BRIDGING OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 68
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL, LLP
; STREET: 220 Montgomery Street, Suite 2200
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/034,205
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: MacKnight, Kamrin T.
; REGISTRATION NUMBER: 38,230
; REFERENCE/DOCKET NUMBER: FORS-03268
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 31:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 244 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "DNA"
US-09-034-205-31

Query Match 100.0%; Score 20; DB 3; Length 244;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTTCGGACCCCAACTACTC 20
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Db 208 TTTCGGACCCCAACTACTC 189

RESULT 79
US-08-934-097A-26/c
; Sequence 26, Application US/08934097A
; Patent No. 6210880
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor I.
; APPLICANT: Brow, Mary Ann D.
; APPLICANT: Fors, Lance
; APPLICANT: Neri, Bruce P.
; TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
; STRUCTURE PROBING WITH STRUCTURE-BRIDGING
; OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 51
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL, LLP
; STREET: 220 Montgomery Street, Suite 2200
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/934,097A
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: MacKnight, Kamrin T.
; REGISTRATION NUMBER: 38,230
; REFERENCE/DOCKET NUMBER: FORS-02980
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 26:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 244 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "DNA"
US-08-934-097A-26

Query Match 100.0%; Score 20; DB 3; Length 244;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTTCGGACCCCAACTACTC 20
   |||||
Db 208 TTTCGGACCCCAACTACTC 189

RESULT 80
US-08-934-097A-27/c
; Sequence 27, Application US/08934097A
; Patent No. 6210880
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor I.
; APPLICANT: Brow, Mary Ann D.
; APPLICANT: Fors, Lance
; APPLICANT: Neri, Bruce P.
; TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
; STRUCTURE PROBING WITH STRUCTURE-BRIDGING
; OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 51
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL, LLP
; STREET: 220 Montgomery Street, Suite 2200
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/934,097A
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: MacKnight, Kamrin T.
; REGISTRATION NUMBER: 38,230
; REFERENCE/DOCKET NUMBER: FORS-02980
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 26:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 244 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "DNA"
US-08-934-097A-26

Query Match 100.0%; Score 20; DB 3; Length 244;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTTCGGACCCCAACTACTC 20
   |||||
Db 208 TTTCGGACCCCAACTACTC 189

RESULT 81
US-08-934-097A-28/c
; Sequence 28, Application US/08934097A
; Patent No. 6210880
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor I.
; APPLICANT: Brow, Mary Ann D.
; APPLICANT: Fors, Lance
; APPLICANT: Neri, Bruce P.
; TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
; STRUCTURE PROBING WITH STRUCTURE-BRIDGING
; OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 51
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL, LLP
; STREET: 220 Montgomery Street, Suite 2200
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/934,097A
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: MacKnight, Kamrin T.
; REGISTRATION NUMBER: 38,230
; REFERENCE/DOCKET NUMBER: FORS-02980
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 26:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 244 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "DNA"
US-08-934-097A-28
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Query Match 100.0%; Score 20; DB 3; Length 244;

APPLICANT: Fors, Lance

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/ TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
/ TITLE OF INVENTION: Structure Probing
/ NUMBER OF SEQUENCES: 38
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: MEDLEN & CARROLL, LLP
/ STREET: 220 Montgomery Street, Suite 2200
/ CITY: San Francisco
/ STATE: CA
/ COUNTRY: USA
/ ZIP: 94104
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/851,588
/ FILING DATE:
/ CLASSIFICATION: 435
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Ingolia, Diane E.
/ REGISTRATION NUMBER: 40,027
/ REFERENCE/DOCKET NUMBER: FORS-02777
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (415) 705-8410
/ TELEFAX: (415) 397-8338
/ INFORMATION FOR SEQ ID NO: 26:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 244 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: double
/ TOPOLOGY: linear
/ MOLECULE TYPE: other nucleic acid
/ DESCRIPTION: /desc = "DNA"
/ US-08-851-588-26

Query Match 100.0%; Score 20; DB 3; Length 244;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTTCGGACCCCACTACTC 20
Db 208 TTTCGGACCCCACTACTC 189

RESULT 84
US-08-851-588-27/c
/ Sequence 27, Application US/08851588
/ Patent No. 6214545
/ GENERAL INFORMATION:
/ APPLICANT: Dong, Fang
/ APPLICANT: Lyamichev, Victor I.
/ APPLICANT: Prudent, James R.
/ APPLICANT: Dahlberg, James E.
/ APPLICANT: Fors, Lance
/ TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
/ TITLE OF INVENTION: Structure Probing
/ NUMBER OF SEQUENCES: 38
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: MEDLEN & CARROLL, LLP
/ STREET: 220 Montgomery Street, Suite 2200
/ CITY: San Francisco
/ STATE: CA
/ COUNTRY: USA
/ ZIP: 94104
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/851,588
/ FILING DATE:
/ CLASSIFICATION: 435
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Ingolia, Diane E.
/ REGISTRATION NUMBER: 40,027
/ REFERENCE/DOCKET NUMBER: FORS-02777
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (415) 705-8410
/ TELEFAX: (415) 397-8338
/ INFORMATION FOR SEQ ID NO: 29:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 244 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: double
/ TOPOLOGY: linear
/ MOLECULE TYPE: other nucleic acid
/ DESCRIPTION: /desc = "DNA"
/ US-08-851-588-29
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/ CLASSIFICATION: 435
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Ingolia, Diane E.
/ REGISTRATION NUMBER: 40,027
/ REFERENCE/DOCKET NUMBER: FORS-02777
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (415) 705-8410
/ TELEFAX: (415) 397-8338
/ INFORMATION FOR SEQ ID NO: 27:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 244 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: double
/ TOPOLOGY: linear
/ MOLECULE TYPE: other nucleic acid
/ DESCRIPTION: /desc = "DNA"
/ US-08-851-588-27

Query Match 100.0%; Score 20; DB 3; Length 244;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTTCGGACCCCACTACTC 20
Db 208 TTTCGGACCCCACTACTC 189

RESULT 85
US-08-851-588-29/c
/ Sequence 29, Application US/08851588
/ Patent No. 6214545
/ GENERAL INFORMATION:
/ APPLICANT: Dong, Fang
/ APPLICANT: Lyamichev, Victor I.
/ APPLICANT: Prudent, James R.
/ APPLICANT: Dahlberg, James E.
/ APPLICANT: Fors, Lance
/ TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
/ TITLE OF INVENTION: Structure Probing
/ NUMBER OF SEQUENCES: 38
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: MEDLEN & CARROLL, LLP
/ STREET: 220 Montgomery Street, Suite 2200
/ CITY: San Francisco
/ STATE: CA
/ COUNTRY: USA
/ ZIP: 94104
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/851,588
/ FILING DATE:
/ CLASSIFICATION: 435
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Ingolia, Diane E.
/ REGISTRATION NUMBER: 40,027
/ REFERENCE/DOCKET NUMBER: FORS-02777
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (415) 705-8410
/ TELEFAX: (415) 397-8338
/ INFORMATION FOR SEQ ID NO: 29:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 244 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: double
/ TOPOLOGY: linear
/ MOLECULE TYPE: other nucleic acid
/ DESCRIPTION: /desc = "DNA"
/ US-08-851-588-29
```

```
?  
?      L.A. Montgomery Street, Suite 1100  
?      Los Angeles, CA 90017  
?      CITY: San Francisco  
?      STATE: CA  
?      COUNTRY: USA  
?      ZIP: 94104  
?  
?      COMPUTER READABLE FORM:  
?      MEDIUM TYPE: Floppy disk  
?      COMPUTER: IBM PC compatible  
?      OPERATING SYSTEM: PC-DOS/MS-DOS  
?      SOFTWARE: Patent Release #1.0.  
?      Version #1.30
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; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/677,218B
; FILING DATE: 02-Oct-2000
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/034,205
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: MacKnight, Kamrin T.
; REGISTRATION NUMBER: 38,230
; REFERENCE/DOCKET NUMBER: FORS-03268
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 27:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 244 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "DNA"
; SEQUENCE DESCRIPTION: SEQ ID NO: 27:
US-09-677-218B-27

Query Match 100.0%; Score 20; DB 3; Length 244;
Best Local Similarity 100.0%; Pred.No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTCCGGACCCCAACTACTC 20
Db 208 TTCCGGACCCCAACTACTC 189

RESULT 89
US-09-677-218B-29/c
; Sequence 29, Application US/09677218B
; Patent No. 6355437
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor I.
; Brow, Mary Ann D.
; Fors, Lance
; Neri, Bruce P.
; TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING
; STRUCTURE-BRIDGING OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 68
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL, LLP
; STREET: 220 Montgomery Street, Suite 2200
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/677,218B
; FILING DATE: 02-Oct-2000
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/034,205
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: MacKnight, Kamrin T.
; REGISTRATION NUMBER: 38,230
; REFERENCE/DOCKET NUMBER: FORS-03268
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 29:

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Db      208 TTTCGGACCCCAACTACTC 189
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RESULT 91
US-09-677-192-26/c
; Sequence 26, Application US/09677192
; Patent No. 6358691
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor I.
; APPLICANT: Brow, Mary Ann D.
; APPLICANT: Fors, Lance
; APPLICANT: Neri, Bruce P.
; TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING STRUCTURE-BRIDGING
; FILE REFERENCE: FORS-04708
; CURRENT APPLICATION NUMBER: US/09/677,192
; CURRENT FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: 09/034,205
; PRIOR FILING DATE: 1998-03-03
; NUMBER OF SEQ ID NOS: 68
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 26
; LENGTH: 244
; TYPE: DNA
; ORGANISM: Hepatitis C virus
US-09-677-192-26
Query Match      100.0%; Score 20; DB 3; Length 244;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 TTTCGGACCCCAACTACTC 20
|||||
Db      208 TTTCGGACCCCAACTACTC 189
|||||
RESULT 92
US-09-677-192-27/c
; Sequence 27, Application US/09677192
; Patent No. 6358691
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor I.
; APPLICANT: Brow, Mary Ann D.
; APPLICANT: Fors, Lance
; APPLICANT: Neri, Bruce P.
; TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING STRUCTURE-BRIDGING
; FILE REFERENCE: FORS-04708
; CURRENT APPLICATION NUMBER: US/09/677,192
; CURRENT FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: 09/034,205
; PRIOR FILING DATE: 1998-03-03
; NUMBER OF SEQ ID NOS: 68
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 27
; LENGTH: 244
; TYPE: DNA
; ORGANISM: Hepatitis C virus
US-09-677-192-27
Query Match      100.0%; Score 20; DB 3; Length 244;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 TTTCGGACCCCAACTACTC 20
|||||
Db      208 TTTCGGACCCCAACTACTC 189
|||||
RESULT 93
US-09-677-192-29/c
; Sequence 29, Application US/09677192
; Patent No. 6358691
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor I.
; APPLICANT: Brow, Mary Ann D.
; APPLICANT: Fors, Lance
; APPLICANT: Neri, Bruce P.
; TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING STRUCTURE-BRIDGING
; FILE REFERENCE: FORS-04708
; CURRENT APPLICATION NUMBER: US/09/677,192
; CURRENT FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: 09/034,205
; PRIOR FILING DATE: 1998-03-03
; NUMBER OF SEQ ID NOS: 68
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 29
; LENGTH: 244
; TYPE: DNA
; ORGANISM: Hepatitis C virus
US-09-677-192-29
Query Match      100.0%; Score 20; DB 3; Length 244;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 TTTCGGACCCCAACTACTC 20
|||||
Db      208 TTTCGGACCCCAACTACTC 189
|||||
RESULT 94
US-09-677-192-31/c
; Sequence 31, Application US/09677192
; Patent No. 6358691
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor I.
; APPLICANT: Brow, Mary Ann D.
; APPLICANT: Fors, Lance
; APPLICANT: Neri, Bruce P.
; TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING STRUCTURE-BRIDGING
; FILE REFERENCE: FORS-04708
; CURRENT APPLICATION NUMBER: US/09/677,192
; CURRENT FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: 09/034,205
; PRIOR FILING DATE: 1998-03-03
; NUMBER OF SEQ ID NOS: 68
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 31
; LENGTH: 244
; TYPE: DNA
; ORGANISM: Hepatitis C virus
US-09-677-192-31
Query Match      100.0%; Score 20; DB 3; Length 244;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 TTTCGGACCCCAACTACTC 20
|||||
Db      208 TTTCGGACCCCAACTACTC 189
|||||
RESULT 95
US-09-402-618B-26/c
; Sequence 26, Application US/09402618B
; Patent No. 6709815
; GENERAL INFORMATION:
; APPLICANT: Dong, Fang
; APPLICANT: Lyamichev, Victor
; APPLICANT: Prudent, James
; APPLICANT: Fors, Lance
; APPLICANT: Neri, Bruce
```

; APPLICANT: Brow, Mary Ann
; APPLICANT: Anderson, Todd
; APPLICANT: Dahlberg, James
; TITLE OF INVENTION: Target-Dependent Reactions Using Structure-Bridging Oligonucleotides
; FILE REFERENCE: FORS-04012
; CURRENT APPLICATION NUMBER: US/09/402,618B
; CURRENT FILING DATE: 2000-07-18
; PRIOR APPLICATION NUMBER: PCT/US98/03194
; PRIOR FILING DATE: 1998-05-05
; NUMBER OF SEQ ID NOS: 128
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 26
; LENGTH: 244
; TYPE: DNA
; ORGANISM: Hepatitis C virus
US-09-402-618B-26

Query Match 100.0%; Score 20; DB 3; Length 244;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTCGGGACCCCAACTACTC 20
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DB 208 TTCGGGACCCCAACTACTC 189

RESULT 96
US-09-402-618B-27/c
; Sequence 27, Application US/09402618B
; Patent No. 6709815
; GENERAL INFORMATION:
; APPLICANT: Dong, Fang
; APPLICANT: Lyamichev, Victor
; APPLICANT: Prudent, James
; APPLICANT: Fors, Lance
; APPLICANT: Neri, Bruce
; APPLICANT: Brow, Mary Ann
; APPLICANT: Anderson, Todd
; APPLICANT: Dahlberg, James
; TITLE OF INVENTION: Target-Dependent Reactions Using Structure-Bridging Oligonucleotides
; FILE REFERENCE: FORS-04012
; CURRENT APPLICATION NUMBER: US/09/402,618B
; CURRENT FILING DATE: 2000-07-18
; PRIOR APPLICATION NUMBER: PCT/US98/03194
; PRIOR FILING DATE: 1998-05-05
; NUMBER OF SEQ ID NOS: 128
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 27
; LENGTH: 244
; TYPE: DNA
; ORGANISM: Hepatitis C virus
US-09-402-618B-27

Query Match 100.0%; Score 20; DB 3; Length 244;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTCGGGACCCCAACTACTC 20
|||
DB 208 TTCGGGACCCCAACTACTC 189

RESULT 97
US-09-402-618B-29/c
; Sequence 29, Application US/09402618B
; Patent No. 6709815
; GENERAL INFORMATION:
; APPLICANT: Dong, Fang
; APPLICANT: Lyamichev, Victor
; APPLICANT: Prudent, James
; APPLICANT: Fors, Lance
; APPLICANT: Neri, Bruce
; APPLICANT: Brow, Mary Ann

; APPLICANT: Anderson, Todd
; APPLICANT: Dahlberg, James
; TITLE OF INVENTION: Target-Dependent Reactions Using Structure-Bridging Oligonucleotides
; FILE REFERENCE: FORS-04012
; CURRENT APPLICATION NUMBER: US/09/402,618B
; CURRENT FILING DATE: 2000-07-18
; PRIOR APPLICATION NUMBER: PCT/US98/03194
; PRIOR FILING DATE: 1998-05-05
; NUMBER OF SEQ ID NOS: 128
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 29
; LENGTH: 244
; TYPE: DNA
; ORGANISM: Hepatitis C virus
US-09-402-618B-29

Query Match 100.0%; Score 20; DB 3; Length 244;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTCGGGACCCCAACTACTC 20
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DB 208 TTCGGGACCCCAACTACTC 189

RESULT 98
US-09-402-618B-31/c
; Sequence 31, Application US/09402618B
; Patent No. 6709815
; GENERAL INFORMATION:
; APPLICANT: Dong, Fang
; APPLICANT: Lyamichev, Victor
; APPLICANT: Prudent, James
; APPLICANT: Fors, Lance
; APPLICANT: Neri, Bruce
; APPLICANT: Brow, Mary Ann
; APPLICANT: Anderson, Todd
; APPLICANT: Dahlberg, James
; TITLE OF INVENTION: Target-Dependent Reactions Using Structure-Bridging Oligonucleotides
; FILE REFERENCE: FORS-04012
; CURRENT APPLICATION NUMBER: US/09/402,618B
; CURRENT FILING DATE: 2000-07-18
; PRIOR APPLICATION NUMBER: PCT/US98/03194
; PRIOR FILING DATE: 1998-05-05
; NUMBER OF SEQ ID NOS: 128
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 31
; LENGTH: 244
; TYPE: DNA
; ORGANISM: Hepatitis C virus
US-09-402-618B-31

Query Match 100.0%; Score 20; DB 3; Length 244;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTCGGGACCCCAACTACTC 20
|||
DB 208 TTCGGGACCCCAACTACTC 189

RESULT 99
US-09-402-618B-124
; Sequence 124, Application US/09402618B
; Patent No. 6709815
; GENERAL INFORMATION:
; APPLICANT: Dong, Fang
; APPLICANT: Lyamichev, Victor
; APPLICANT: Prudent, James
; APPLICANT: Fors, Lance
; APPLICANT: Neri, Bruce
; APPLICANT: Brow, Mary Ann
; APPLICANT: Anderson, Todd


```
/
/ ADDRESS: MEDLEN & CARROLL, LLP
/ STREET: 220 Montgomery Street, Suite 2200
/ CITY: San Francisco
/ STATE: CA
/ COUNTRY: USA
/ ZIP: 94104
/
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
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/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/825,574
/ FILING DATE: 03-Apr-2001
/ CLASSIFICATION: <Unknown>
/
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/934,097
/ FILING DATE: <Unknown>
/
/ ATTORNEY/AGENT INFORMATION:
/ NAME: MacKnight, Kamrin T.
/ REGISTRATION NUMBER: 38,230
/ REFERENCE/DOCKET NUMBER: FORS-02980
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (415) 705-8410
/ TELEFAX: (415) 397-8338
/
/ INFORMATION FOR SEQ ID NO: 26:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 244 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: double
/ TOPOLOGY: linear
/ MOLECULE TYPE: other nucleic acid
/ DESCRIPTION: /desc = "DNA"
/ SEQUENCE DESCRIPTION: SEQ ID NO: 26:
US-09-825-574-26

Query Match          100.0%; Score 20; DB 3; Length 244;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1  TTGCGACCCCAACTACTC 20
        |||||
        208 TTGCGACCCCAACTACTC 189

DB

RESULT 104
US-09-825-574-27/c
/ Sequence 27, Application US/09825574
/ Patent No. 6709819
/
/ GENERAL INFORMATION:
/ APPLICANT: Lyamichiev, Victor I.
/           Brow, Mary Ann D.
/           Fors, Lance
/           Neri, Bruce P.
/
/ TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
/                     Structure Probing With Structure-Bridging
/                     Oligonucleotides.
/
/ NUMBER OF SEQUENCES: 51
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: MEDLEN & CARROLL, LLP
/ STREET: 220 Montgomery Street, Suite 2200
/ CITY: San Francisco
/ STATE: CA
/ COUNTRY: USA
/ ZIP: 94104
/
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
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/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/825,574
/ FILING DATE: 03-Apr-2001
/ CLASSIFICATION: <Unknown>
/
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/934,097
/ FILING DATE: <Unknown>
/
/ ATTORNEY/AGENT INFORMATION:
/ NAME: MacKnight, Kamrin T.
/ REGISTRATION NUMBER: 38,230
/ REFERENCE/DOCKET NUMBER: FORS-02980
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (415) 705-8410
/ TELEFAX: (415) 397-8338
/
/ INFORMATION FOR SEQ ID NO: 27:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 244 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: double
/ TOPOLOGY: linear
/ MOLECULE TYPE: other nucleic acid
/ DESCRIPTION: /desc = "DNA"
/ SEQUENCE DESCRIPTION: SEQ ID NO: 27:
US-09-825-574-27

Query Match          100.0%; Score 20; DB 3; Length 244;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1  TTGCGACCCCAACTACTC 20
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        208 TTGCGACCCCAACTACTC 189

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RESULT 105
US-09-825-574-29/c
/ Sequence 29, Application US/09825574
/ Patent No. 6709819
/
/ GENERAL INFORMATION:
/ APPLICANT: Lyamichiev, Victor I.
/           Brow, Mary Ann D.
/           Fors, Lance
/           Neri, Bruce P.
/
/ TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
/                     Structure Probing With Structure-Bridging
/                     Oligonucleotides.
/
/ NUMBER OF SEQUENCES: 51
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: MEDLEN & CARROLL, LLP
/ STREET: 220 Montgomery Street, Suite 2200
/ CITY: San Francisco
/ STATE: CA
/ COUNTRY: USA
/ ZIP: 94104
/
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
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/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/825,574
/ FILING DATE: 03-Apr-2001
/ CLASSIFICATION: <Unknown>
/
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/934,097
/ FILING DATE: <Unknown>
/
/ ATTORNEY/AGENT INFORMATION:
/ NAME: MacKnight, Kamrin T.
/ REGISTRATION NUMBER: 38,230
/ REFERENCE/DOCKET NUMBER: FORS-02980
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (415) 705-8410
/ TELEFAX: (415) 397-8338
/
/ INFORMATION FOR SEQ ID NO: 29:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 244 base pairs
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/ CLASSIFICATION: <Unknown>
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/934,097
/ FILING DATE: <Unknown>
/
/ ATTORNEY/AGENT INFORMATION:
/ NAME: MacKnight, Kamrin T.
/ REGISTRATION NUMBER: 38,230
/ REFERENCE/DOCKET NUMBER: FORS-02980
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (415) 705-8410
/ TELEFAX: (415) 397-8338
/
/ INFORMATION FOR SEQ ID NO: 27:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 244 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: double
/ TOPOLOGY: linear
/ MOLECULE TYPE: other nucleic acid
/ DESCRIPTION: /desc = "DNA"
/ SEQUENCE DESCRIPTION: SEQ ID NO: 27:
US-09-825-574-27

Query Match          100.0%; Score 20; DB 3; Length 244;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1  TTGCGACCCCAACTACTC 20
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        208 TTGCGACCCCAACTACTC 189

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RESULT 105
US-09-825-574-29/c
/ Sequence 29, Application US/09825574
/ Patent No. 6709819
/
/ GENERAL INFORMATION:
/ APPLICANT: Lyamichiev, Victor I.
/           Brow, Mary Ann D.
/           Fors, Lance
/           Neri, Bruce P.
/
/ TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
/                     Structure Probing With Structure-Bridging
/                     Oligonucleotides.
/
/ NUMBER OF SEQUENCES: 51
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: MEDLEN & CARROLL, LLP
/ STREET: 220 Montgomery Street, Suite 2200
/ CITY: San Francisco
/ STATE: CA
/ COUNTRY: USA
/ ZIP: 94104
/
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
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/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/825,574
/ FILING DATE: 03-Apr-2001
/ CLASSIFICATION: <Unknown>
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/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/934,097
/ FILING DATE: <Unknown>
/
/ ATTORNEY/AGENT INFORMATION:
/ NAME: MacKnight, Kamrin T.
/ REGISTRATION NUMBER: 38,230
/ REFERENCE/DOCKET NUMBER: FORS-02980
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (415) 705-8410
/ TELEFAX: (415) 397-8338
/
/ INFORMATION FOR SEQ ID NO: 29:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 244 base pairs
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;
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "DNA"
; SEQUENCE DESCRIPTION: SEQ ID NO: 29:
US-09-825-574-29

Query Match      100.0%; Score 20; DB 3; Length 244;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1  TTCGCGACCCCACTACTC 20
Db      208 TTCGCGACCCCACTACTC 189

RESULT 106
US-09-825-574-31/c
; Sequence 31, Application US/09825574
; Patent No. 6709819
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor I.
;           Brow, Mary Ann D.
;           Fors, Lance
;           Neri, Bruce P.
; TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
;                   Structure Probing With Structure-Bridging
;                   Oligonucleotides.
; NUMBER OF SEQUENCES: 51
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL, LLP
; STREET: 220 Montgomery Street, Suite 2200
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/825,574
; FILING DATE: 03-Apr-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/934,097
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: MacKnight, Kamrin T.
; REGISTRATION NUMBER: 38,230
; REFERENCE/DOCKET NUMBER: FORS-02980
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 31:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 244 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "DNA"
; SEQUENCE DESCRIPTION: SEQ ID NO: 31:
US-09-825-574-31

Query Match      100.0%; Score 20; DB 3; Length 244;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1  TTCGCGACCCCACTACTC 20
Db      208 TTCGCGACCCCACTACTC 189
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Db      208 TTCGCGACCCCACTACTC 189

RESULT 107
US-09-676-768-26/c
; Sequence 26, Application US/09676768
; Patent No. 6780585
; GENERAL INFORMATION:
; APPLICANT: Dong, Fang
;           Lyamichev, Victor I.
;           Prudent, James R.
;           Dahlberg, James E.
;           Fors, Lance
; TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
;                   Structure Probing
; NUMBER OF SEQUENCES: 38
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL, LLP
; STREET: 220 Montgomery Street, Suite 2200
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/676,768
; FILING DATE: 02-Oct-2000
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/851,588
; FILING DATE: 05-May-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Ingolia, Diane E.
; REGISTRATION NUMBER: 40,027
; REFERENCE/DOCKET NUMBER: FORS-02777
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 26:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 244 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "DNA"
; SEQUENCE DESCRIPTION: SEQ ID NO: 26:
US-09-676-768-26

Query Match      100.0%; Score 20; DB 3; Length 244;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1  TTCGCGACCCCACTACTC 20
Db      208 TTCGCGACCCCACTACTC 189

RESULT 108
US-09-676-768-27/c
; Sequence 27, Application US/09676768
; Patent No. 6780585
; GENERAL INFORMATION:
; APPLICANT: Dong, Fang
;           Lyamichev, Victor I.
;           Prudent, James R.
;           Dahlberg, James E.
;           Fors, Lance
; TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
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; ; Structure Probing
; ;
; ; NUMBER OF SEQUENCES: 38
; ; CORRESPONDENCE ADDRESS:
; ; ADDRESSEE: MEDLEN & CARROLL, LLP
; ; STREET: 220 Montgomery Street, Suite 2200
; ; CITY: San Francisco
; ; STATE: CA
; ; COUNTRY: USA
; ; ZIP: 94104
; ;
; ; COMPUTER READABLE FORM:
; ; MEDIUM TYPE: Floppy disk
; ; COMPUTER: IBM PC compatible
; ; OPERATING SYSTEM: PC-DOS/MS-DOS
; ; SOFTWARE: PatentIn Release #1.0, Version #1.30
; ;
; ; CURRENT APPLICATION DATA:
; ; APPLICATION NUMBER: US/09/676,768
; ; FILING DATE: 02-Oct-2000
; ; CLASSIFICATION: 435
; ;
; ; PRIOR APPLICATION DATA:
; ; APPLICATION NUMBER: US/08/851,588
; ; FILING DATE: 05-May-1997
; ; NAME: Ingolia, Diane E.
; ; REGISTRATION NUMBER: 40,027
; ; REFERENCE/DOCKET NUMBER: FORS-02777
; ; TELECOMMUNICATION INFORMATION:
; ; TELEPHONE: (415) 705-8410
; ; TELEFAX: (415) 397-8338
; ;
; ; SEQUENCE CHARACTERISTICS:
; ; LENGTH: 244 base pairs
; ; TYPE: nucleic acid
; ; STRANDEDNESS: double
; ; TOPOLOGY: linear
; ; MOLECULE TYPE: other nucleic acid
; ; DESCRIPTION: /desc = "DNA"
; ; SEQUENCE DESCRIPTION: SEQ ID NO: 27:
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; ; US-09-676-768-27
; ;
; ; Query Match 100.0%; Score 20; DB 3; Length 244;
; ; Best Local Similarity 100.0%; Pred. No. 0.0033;
; ; Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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; ; Qy 1 TTCCGGACCCCACTACTC 20
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; ; Db 208 TTCCGGACCCCACTACTC 189
; ;
; ; RESULT 109
; ; US-09-676-768-29/c
; ; Sequence 29, Application US/09676768
; ; Patent No. 6780585
; ; GENERAL INFORMATION:
; ; APPLICANT: Dong, Fang
; ; Lyamichev, Victor I.
; ; Prudent, James R.
; ; Dahlberg, James E.
; ; Fors, Lance
; ;
; ; TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
; ; Structure Probing
; ;
; ; NUMBER OF SEQUENCES: 38
; ; CORRESPONDENCE ADDRESS:
; ; ADDRESSEE: MEDLEN & CARROLL, LLP
; ; STREET: 220 Montgomery Street, Suite 2200
; ; CITY: San Francisco
; ; STATE: CA
; ; COUNTRY: USA
; ; ZIP: 94104
; ;
; ; COMPUTER READABLE FORM:
; ; MEDIUM TYPE: Floppy disk
; ; COMPUTER: IBM PC compatible
; ; OPERATING SYSTEM: PC-DOS/MS-DOS
; ; SOFTWARE: PatentIn Release #1.0, Version #1.30
; ;
; ; CURRENT APPLICATION DATA:
; ; APPLICATION NUMBER: US/09/676,768
; ; FILING DATE: 02-Oct-2000
; ; CLASSIFICATION: 435
; ;
; ; PRIOR APPLICATION DATA:
; ; APPLICATION NUMBER: US/08/851,588
; ; FILING DATE: 05-May-1997
; ; NAME: Ingolia, Diane E.
; ; REGISTRATION NUMBER: 40,027
; ; REFERENCE/DOCKET NUMBER: FORS-02777
; ; TELECOMMUNICATION INFORMATION:
; ; TELEPHONE: (415) 705-8410
; ; TELEFAX: (415) 397-8338
; ;
; ; SEQUENCE CHARACTERISTICS:
; ; LENGTH: 244 base pairs
; ; TYPE: nucleic acid
; ; STRANDEDNESS: double
; ; TOPOLOGY: linear
; ; MOLECULE TYPE: other nucleic acid
; ; DESCRIPTION: /desc = "DNA"
; ; SEQUENCE DESCRIPTION: SEQ ID NO: 27:
; ;
; ; US-09-676-768-27
; ;
; ; Query Match 100.0%; Score 20; DB 3; Length 244;
; ; Best Local Similarity 100.0%; Pred. No. 0.0033;
; ; Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
; ;
; ; Qy 1 TTCCGGACCCCACTACTC 20
; ; | | | | | | | | | | | | | |
; ; Db 208 TTCCGGACCCCACTACTC 189
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; ; RESULT 110
; ; US-09-676-768-31/c
; ; Sequence 31, Application US/09676768
; ; Patent No. 6780585
; ; GENERAL INFORMATION:
; ; APPLICANT: Dong, Fang
; ; Lyamichev, Victor I.
; ; Prudent, James R.
; ; Dahlberg, James E.
; ; Fors, Lance
; ;
; ; TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
; ; Structure Probing
; ;
; ; NUMBER OF SEQUENCES: 38
; ; CORRESPONDENCE ADDRESS:
; ; ADDRESSEE: MEDLEN & CARROLL, LLP
; ; STREET: 220 Montgomery Street, Suite 2200
; ; CITY: San Francisco
; ; STATE: CA
; ; COUNTRY: USA
; ; ZIP: 94104
; ;
; ; COMPUTER READABLE FORM:
; ; MEDIUM TYPE: Floppy disk
; ; COMPUTER: IBM PC compatible
; ; OPERATING SYSTEM: PC-DOS/MS-DOS
; ; SOFTWARE: PatentIn Release #1.0, Version #1.30
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; ; CURRENT APPLICATION DATA:
; ; APPLICATION NUMBER: US/09/676,768
; ; FILING DATE: 02-Oct-2000
; ; CLASSIFICATION: 435
; ;
; ; PRIOR APPLICATION DATA:
; ; APPLICATION NUMBER: US/08/851,588
; ; FILING DATE: 05-May-1997
; ; NAME: Ingolia, Diane E.
; ; REGISTRATION NUMBER: 40,027
; ; REFERENCE/DOCKET NUMBER: FORS-02777
; ; TELECOMMUNICATION INFORMATION:
; ; TELEPHONE: (415) 705-8410
; ; TELEFAX: (415) 397-8338
; ;
; ; SEQUENCE CHARACTERISTICS:
; ; LENGTH: 244 base pairs
; ; TYPE: nucleic acid
; ; STRANDEDNESS: double
; ; TOPOLOGY: linear
; ; MOLECULE TYPE: other nucleic acid
; ; DESCRIPTION: /desc = "DNA"
; ; SEQUENCE DESCRIPTION: SEQ ID NO: 29:
; ;
; ; US-09-676-768-29
; ;
; ; Query Match 100.0%; Score 20; DB 3; Length 244;
; ; Best Local Similarity 100.0%; Pred. No. 0.0033;
; ; Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
; ;
; ; Qy 1 TTCCGGACCCCACTACTC 20
; ; | | | | | | | | | | | | | |
; ; Db 208 TTCCGGACCCCACTACTC 189
; ;
; ; RESULT 110
; ; US-09-676-768-31/c
; ; Sequence 31, Application US/09676768
; ; Patent No. 6780585
; ; GENERAL INFORMATION:
; ; APPLICANT: Dong, Fang
; ; Lyamichev, Victor I.
; ; Prudent, James R.
; ; Dahlberg, James E.
; ; Fors, Lance
; ;
; ; TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
; ; Structure Probing
; ;
; ; NUMBER OF SEQUENCES: 38
; ; CORRESPONDENCE ADDRESS:
; ; ADDRESSEE: MEDLEN & CARROLL, LLP
; ; STREET: 220 Montgomery Street, Suite 2200
; ; CITY: San Francisco
; ; STATE: CA
; ; COUNTRY: USA
; ; ZIP: 94104
; ;
; ; COMPUTER READABLE FORM:
; ; MEDIUM TYPE: Floppy disk
; ; COMPUTER: IBM PC compatible
; ; OPERATING SYSTEM: PC-DOS/MS-DOS
; ; SOFTWARE: PatentIn Release #1.0, Version #1.30
; ;
; ; CURRENT APPLICATION DATA:
; ; APPLICATION NUMBER: US/09/676,768
; ; FILING DATE: 02-Oct-2000
; ; CLASSIFICATION: 435
; ;
; ; PRIOR APPLICATION DATA:
; ; APPLICATION NUMBER: US/08/851,588
; ; FILING DATE: 05-May-1997
; ; NAME: Ingolia, Diane E.
; ; REGISTRATION NUMBER: 40,027
; ; REFERENCE/DOCKET NUMBER: FORS-02777
; ; TELECOMMUNICATION INFORMATION:
; ; TELEPHONE: (415) 705-8410
; ; TELEFAX: (415) 397-8338
; ;
; ; SEQUENCE CHARACTERISTICS:
; ; LENGTH: 244 base pairs
; ; TYPE: nucleic acid
; ; STRANDEDNESS: double
; ; TOPOLOGY: linear
; ; MOLECULE TYPE: other nucleic acid
; ; DESCRIPTION: /desc = "DNA"
; ; SEQUENCE DESCRIPTION: SEQ ID NO: 29:
; ;
; ; US-09-676-768-29
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; ; CURRENT APPLICATION DATA:
; ; APPLICATION NUMBER: US/09/676,768
; ; FILING DATE: 02-Oct-2000
; ; CLASSIFICATION: 435
; ;
; ; PRIOR APPLICATION DATA:
; ; APPLICATION NUMBER: US/08/851,588
; ; FILING DATE: 05-May-1997
; ; NAME: Ingolia, Diane E.
; ; REGISTRATION NUMBER: 40,027
; ; REFERENCE/DOCKET NUMBER: FORS-02777
; ; TELECOMMUNICATION INFORMATION:
; ; TELEPHONE: (415) 705-8410
; ; TELEFAX: (415) 397-8338
; ;
; ; SEQUENCE CHARACTERISTICS:
; ; LENGTH: 244 base pairs
; ; TYPE: nucleic acid
; ; STRANDEDNESS: double
; ; TOPOLOGY: linear
; ; MOLECULE TYPE: other nucleic acid
; ; DESCRIPTION: /desc = "DNA"
; ; SEQUENCE DESCRIPTION: SEQ ID NO: 29:
; ;
; ; US-09-676-768-29
; ;
; ; Query Match 100.0%; Score 20; DB 3; Length 244;
; ; Best Local Similarity 100.0%; Pred. No. 0.0033;
; ; Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
; ;
; ; Qy 1 TTCCGGACCCCACTACTC 20
; ; | | | | | | | | | | | | | |
; ; Db 208 TTCCGGACCCCACTACTC 189
; ;
; ; RESULT 110
; ; US-09-676-768-31/c
; ; Sequence 31, Application US/09676768
; ; Patent No. 6780585
; ; GENERAL INFORMATION:
; ; APPLICANT: Dong, Fang
; ; Lyamichev, Victor I.
; ; Prudent, James R.
; ; Dahlberg, James E.
; ; Fors, Lance
; ;
; ; TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
; ; Structure Probing
; ;
; ; NUMBER OF SEQUENCES: 38
; ; CORRESPONDENCE ADDRESS:
; ; ADDRESSEE: MEDLEN & CARROLL, LLP
; ; STREET: 220 Montgomery Street, Suite 2200
; ; CITY: San Francisco
; ; STATE: CA
; ; COUNTRY: USA
; ; ZIP: 94104
; ;
; ; COMPUTER READABLE FORM:
; ; MEDIUM TYPE: Floppy disk
; ; COMPUTER: IBM PC compatible
; ; OPERATING SYSTEM: PC-DOS/MS-DOS
; ; SOFTWARE: PatentIn Release #1.0, Version #1.30
; ;
; ; CURRENT APPLICATION DATA:
; ; APPLICATION NUMBER: US/09/676,768
; ; FILING DATE: 02-Oct-2000
; ; CLASSIFICATION: 435
; ;
; ; PRIOR APPLICATION DATA:
; ; APPLICATION NUMBER: US/08/851,588
; ; FILING DATE: 05-May-1997
; ; NAME: Ingolia, Diane E.
; ; REGISTRATION NUMBER: 40,027
; ; REFERENCE/DOCKET NUMBER: FORS-02777
; ; TELECOMMUNICATION INFORMATION:
; ; TELEPHONE: (415) 705-8410
; ; TELEFAX: (415) 397-8338
; ;
; ; SEQUENCE CHARACTERISTICS:
; ; LENGTH: 244 base pairs
; ; TYPE: nucleic acid
; ; STRANDEDNESS: double
; ; TOPOLOGY: linear
; ; MOLECULE TYPE: other nucleic acid
; ; DESCRIPTION: /desc = "DNA"
; ; SEQUENCE DESCRIPTION: SEQ ID NO: 29:
; ;
; ; US-09-676-768-29
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;
; INFORMATION FOR SEQ ID NO: 31:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 244 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "DNA"
; SEQUENCE DESCRIPTION: SEQ ID NO: 31:
US-09-676-768-31

Query Match 100.0%; Score 20; DB 3; Length 244;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTCGGACCCCAACTACTC 20
|||
Db 208 TTCGGACCCCAACTACTC 189

RESULT 111
US-08-441-971-33/c
; Sequence 33, Application US/08441971
; Patent No. 6071693
; GENERAL INFORMATION:
; APPLICANT: Tai-An Cha
; TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
; TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
; NUMBER OF SEQUENCES: 147
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
; STREET: 600 Atlantic Avenue
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02210

COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 5.25 inch
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS-DOS Version 3.3
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/441,971
; FILING DATE: 16-MAY-1995
; CLASSIFICATION: 435

PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/221,653
; FILING DATE:
; FILING DATE:
; FILING DATE: 8 May 1991

ATTORNEY/AGENT INFORMATION:
; NAME: Janiuk, Anthony J.
; REGISTRATION NUMBER: 29,809
; REFERENCE/DOCKET NUMBER: C0772/7000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 720-3500
; TELEFAX: (617) 720-2441

INFORMATION FOR SEQ ID NO: 33:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 252 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; ORIGINAL SOURCE: (ATCC # 40394)
; INDIVIDUAL ISOLATE: hcv1

US-08-441-971-33
Query Match 100.0%; Score 20; DB 3; Length 252;
Best Local Similarity 100.0%; Pred. No. 0.0033;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTCGGACCCCAACTACTC 20
|||
Db 208 TTCGGACCCCAACTACTC 189

RESULT 111
US-08-441-971-33/c
; Sequence 33, Application US/08441971
; Patent No. 6071693
; GENERAL INFORMATION:
; APPLICANT: Tai-An Cha
; TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
; TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
; NUMBER OF SEQUENCES: 147
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
; STREET: 600 Atlantic Avenue
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02210

COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 5.25 inch
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS-DOS Version 3.3
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/441,971
; FILING DATE: 16-MAY-1995
; CLASSIFICATION: 435

PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/221,653
; FILING DATE:
; FILING DATE:
; FILING DATE: 8 May 1991

ATTORNEY/AGENT INFORMATION:
; NAME: Janiuk, Anthony J.
; REGISTRATION NUMBER: 29,809
; REFERENCE/DOCKET NUMBER: C0772/7000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 720-3500
; TELEFAX: (617) 720-2441

INFORMATION FOR SEQ ID NO: 33:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 252 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; ORIGINAL SOURCE: (ATCC # 40394)
; INDIVIDUAL ISOLATE: hcv1

US-08-441-971-33
Query Match 100.0%; Score 20; DB 3; Length 252;
Best Local Similarity 100.0%; Pred. No. 0.0033;

Qy 1 TTCGGACCCCAACTACTC 20
|||
Db 186 TTCGGACCCCAACTACTC 167

RESULT 112
US-08-441-971-34/c
; Sequence 34, Application US/08441971
; Patent No. 6071693
; GENERAL INFORMATION:
; APPLICANT: Tai-An Cha
; TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
; TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
; NUMBER OF SEQUENCES: 147
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
; STREET: 600 Atlantic Avenue
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02210

COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 5.25 inch
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS-DOS Version 3.3
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/441,971
; FILING DATE: 16-MAY-1995
; CLASSIFICATION: 435

PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/221,653
; FILING DATE:
; FILING DATE:
; FILING DATE: 8 May 1991

ATTORNEY/AGENT INFORMATION:
; NAME: Janiuk, Anthony J.
; REGISTRATION NUMBER: 29,809
; REFERENCE/DOCKET NUMBER: C0772/7000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 720-3500
; TELEFAX: (617) 720-2441

INFORMATION FOR SEQ ID NO: 34:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 252 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: us5

US-08-441-971-34
Query Match 100.0%; Score 20; DB 3; Length 252;
Best Local Similarity 100.0%; Pred. No. 0.0033;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTCGGACCCCAACTACTC 20
|||
Db 186 TTCGGACCCCAACTACTC 167

RESULT 113
US-08-441-971-35/c
; Sequence 35, Application US/08441971
; Patent No. 6071693
; GENERAL INFORMATION:
; APPLICANT: Tai-An Cha


```
;
; ATTORNEY/AGENT INFORMATION:
; NAME: Janiuk, Anthony J.
; REGISTRATION NUMBER: 29,809
; REFERENCE/DOCKET NUMBER: C0772/7000
; TELEPHONE: (617) 720-3500
; TELEFAX: (617) 720-2441
; TELEX: EZEKIEL
; INFORMATION FOR SEQ ID NO: 37:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 252 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: gm2
;
US-08-441-971-37

Query Match 100.0%; Score 20; DB 3; Length 252;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTGCGACCCCAACTACTC 20
   |||||
Db 186 TTGCGACCCCAACTACTC 167

RESULT 116
US-08-441-971-38/c
; Sequence 38, Application US/08441971
; Patent No. 6071693
; GENERAL INFORMATION:
; APPLICANT: Tai-An Cha
; TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
; TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
; NUMBER OF SEQUENCES: 147
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
; STREET: 600 Atlantic Avenue
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 5.25 inch
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS-DOS Version 3.3
; SOFTWARE: Wordperfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/441,971
; FILING DATE: 16-MAY-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/221,653
; FILING DATE:
; APPLICATION NUMBER: US/07/881,528
; FILING DATE:
; APPLICATION NUMBER: 07/697,326
; FILING DATE: 8 May 1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Janiuk, Anthony J.
; REGISTRATION NUMBER: 29,809
; REFERENCE/DOCKET NUMBER: C0772/7000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 720-3500
; TELEFAX: (617) 720-2441
; TELEX: EZEKIEL
; INFORMATION FOR SEQ ID NO: 38:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 252 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: us4
;
US-08-441-971-39

Query Match 100.0%; Score 20; DB 3; Length 252;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTGCGACCCCAACTACTC 20
   |||||
Db 186 TTGCGACCCCAACTACTC 167
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; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: i21
;
US-08-441-971-38

Query Match 100.0%; Score 20; DB 3; Length 252;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTGCGACCCCAACTACTC 20
   |||||
Db 186 TTGCGACCCCAACTACTC 167

RESULT 117
US-08-441-971-39/c
; Sequence 39, Application US/08441971
; Patent No. 6071693
; GENERAL INFORMATION:
; APPLICANT: Tai-An Cha
; TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
; TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
; NUMBER OF SEQUENCES: 147
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
; STREET: 600 Atlantic Avenue
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 5.25 inch
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS-DOS Version 3.3
; SOFTWARE: Wordperfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/441,971
; FILING DATE: 16-MAY-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/221,653
; FILING DATE:
; APPLICATION NUMBER: US/07/881,528
; FILING DATE:
; APPLICATION NUMBER: 07/697,326
; FILING DATE: 8 May 1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Janiuk, Anthony J.
; REGISTRATION NUMBER: 29,809
; REFERENCE/DOCKET NUMBER: C0772/7000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 720-3500
; TELEFAX: (617) 720-2441
; TELEX: EZEKIEL
; INFORMATION FOR SEQ ID NO: 39:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 252 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: us4
;
US-08-441-971-39

Query Match 100.0%; Score 20; DB 3; Length 252;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTGCGACCCCAACTACTC 20
   |||||
Db 186 TTGCGACCCCAACTACTC 167
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RESULT 118
US-08-441-971-40/c
; Sequence 40, Application US/08441971
; Patent No. 6071693
; GENERAL INFORMATION:
; APPLICANT: Tai-An Cha
; TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
; OPERATING SYSTEM: MS-DOS Version 3.3
; NUMBER OF SEQUENCES: 147
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
; STREET: 600 Atlantic Avenue
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 5.25 inch
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS-DOS Version 3.3
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/441,971
; FILING DATE: 16-MAY-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/221,653
; FILING DATE:
; APPLICATION NUMBER: US/07/881,528
; FILING DATE:
; APPLICATION NUMBER: 07/697,326
; FILING DATE: 8 May 1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Janiuk, Anthony J.
; REGISTRATION NUMBER: 29,809
; REFERENCE/DOCKET NUMBER: C0772/7000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 720-3500
; TELEFAX: (617) 720-2441
; TELEX: EZEKIEL
; INFORMATION FOR SEQ ID NO: 40:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 252 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: jhl
US-08-441-971-40
Query Match 100.0%; Score 20; DB 3; Length 252;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 TTCCGACCCCAACTACTC 20
Db 186 TTCCGACCCCAACTACTC 167
RESULT 119
US-08-441-971-41/c
; Sequence 41, Application US/08441971
; Patent No. 6071693
; GENERAL INFORMATION:
; APPLICANT: Tai-An Cha
; TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
; OPERATING SYSTEM: MS-DOS Version 3.3
; NUMBER OF SEQUENCES: 147
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Wolf, Greenfield & Sacks, P.C.

; STREET: 600 Atlantic Avenue
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 5.25 inch
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS-DOS Version 3.3
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/441,971
; FILING DATE: 16-MAY-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/221,653
; FILING DATE:
; APPLICATION NUMBER: US/07/881,528
; FILING DATE:
; APPLICATION NUMBER: 07/697,326
; FILING DATE: 8 May 1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Janiuk, Anthony J.
; REGISTRATION NUMBER: 29,809
; REFERENCE/DOCKET NUMBER: C0772/7000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 720-3500
; TELEFAX: (617) 720-2441
; TELEX: EZEKIEL
; INFORMATION FOR SEQ ID NO: 41:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 252 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: nac5
US-08-441-971-41
Query Match 100.0%; Score 20; DB 3; Length 252;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 TTCCGACCCCAACTACTC 20
Db 186 TTCCGACCCCAACTACTC 167
RESULT 120
US-08-441-971-42/c
; Sequence 42, Application US/08441971
; Patent No. 6071693
; GENERAL INFORMATION:
; APPLICANT: Tai-An Cha
; TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
; OPERATING SYSTEM: MS-DOS Version 3.3
; NUMBER OF SEQUENCES: 147
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
; STREET: 600 Atlantic Avenue
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 5.25 inch
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS-DOS Version 3.3
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/441,971
; FILING DATE: 16-MAY-1995

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; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/221,653
; FILING DATE:
; APPLICATION NUMBER: US/07/881,528
; FILING DATE:
; APPLICATION NUMBER: 07/697,326
; FILING DATE: 8 May 1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Janiuk, Anthony J.
; REGISTRATION NUMBER: 29,809
; REFERENCE/DOCKET NUMBER: C0772/7000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 720-3500
; TELEFAX: (617) 720-2441
; TELEX: EZEKIEL
; INFORMATION FOR SEQ ID NO: 42:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 252 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: arg2
US-08-441-971-42

Query Match 100.0%; Score 20; DB 3; Length 252;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 1 TTCGCGACCCCAACTACTC 20
    |||||
Db 186 TTCGCGACCCCAACTACTC 167

RESULT 121
US-08-441-971-43/c
; Sequence 43, Application US/08441971
; Patent No. 6071693
; GENERAL INFORMATION:
; APPLICANT: Tai-An Cha
; TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
; TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
; NUMBER OF SEQUENCES: 147
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
; STREET: 600 Atlantic Avenue
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 5.25 inch
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS-DOS Version 3.3
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/441,971
; FILING DATE: 16-MAY-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/221,653
; FILING DATE:
; APPLICATION NUMBER: US/07/881,528
; FILING DATE:
; APPLICATION NUMBER: 07/697,326
; FILING DATE: 8 May 1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Janiuk, Anthony J.
; REGISTRATION NUMBER: 29,809
; REFERENCE/DOCKET NUMBER: C0772/7000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 720-3500
; TELEFAX: (617) 720-2441
; TELEX: EZEKIEL
; INFORMATION FOR SEQ ID NO: 44:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 252 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: gh1
US-08-441-971-44
```

```
; TELEPHONE: (617) 720-3500
; TELEFAX: (617) 720-2441
; TELEX: EZEKIEL
; INFORMATION FOR SEQ ID NO: 43:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 252 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: sp1
US-08-441-971-43

Query Match 100.0%; Score 20; DB 3; Length 252;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 1 TTCGCGACCCCAACTACTC 20
    |||||
Db 186 TTCGCGACCCCAACTACTC 167

RESULT 122
US-08-441-971-44/c
; Sequence 44, Application US/08441971
; Patent No. 6071693
; GENERAL INFORMATION:
; APPLICANT: Tai-An Cha
; TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
; TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
; NUMBER OF SEQUENCES: 147
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
; STREET: 600 Atlantic Avenue
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 5.25 inch
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS-DOS Version 3.3
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/441,971
; FILING DATE: 16-MAY-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/221,653
; FILING DATE:
; APPLICATION NUMBER: US/07/881,528
; FILING DATE:
; APPLICATION NUMBER: 07/697,326
; FILING DATE: 8 May 1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Janiuk, Anthony J.
; REGISTRATION NUMBER: 29,809
; REFERENCE/DOCKET NUMBER: C0772/7000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 720-3500
; TELEFAX: (617) 720-2441
; TELEX: EZEKIEL
; INFORMATION FOR SEQ ID NO: 44:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 252 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: gh1
US-08-441-971-44
```

Query Match 100.0%; Score 20; DB 3; Length 252;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCAACTACTC 20
Db 186 TTTCGGACCCCAACTACTC 167

RESULT 123

US-08-441-971-45/c
; Sequence 45, Application US/08441971
; Patent No. 6071693
; GENERAL INFORMATION:
; APPLICANT: Tai-An Cha
; TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
; TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
; NUMBER OF SEQUENCES: 147
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
; STREET: 600 Atlantic Avenue
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02210

COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 5.25 inch
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS-DOS Version 3.3
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/441,971
; FILING DATE: 16-MAY-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/221,653

; FILING DATE:
; APPLICATION NUMBER: US/07/881,528
; FILING DATE:
; APPLICATION NUMBER: 07/697,326
; FILING DATE: 8 MAY 1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Janiuk, Anthony J.
; REGISTRATION NUMBER: 29,809
; REFERENCE/DOCKET NUMBER: C0772/7000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 720-3500
; TELEFAX: (617) 720-2441

; INFORMATION FOR SEQ ID NO: 45:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 252 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: i15

US-08-441-971-45

Query Match 100.0%; Score 20; DB 3; Length 252;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCAACTACTC 20
Db 186 TTTCGGACCCCAACTACTC 167

RESULT 124

US-08-441-971-48/c
; Sequence 48, Application US/08441971

; Patent No. 6071693
; GENERAL INFORMATION:
; APPLICANT: Tai-An Cha
; TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
; TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
; NUMBER OF SEQUENCES: 147
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
; STREET: 600 Atlantic Avenue
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02210

COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 5.25 inch
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS-DOS Version 3.3
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/441,971
; FILING DATE: 16-MAY-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/221,653

; FILING DATE:
; APPLICATION NUMBER: US/07/881,528
; FILING DATE:
; APPLICATION NUMBER: 07/697,326
; FILING DATE: 8 MAY 1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Janiuk, Anthony J.
; REGISTRATION NUMBER: 29,809
; REFERENCE/DOCKET NUMBER: C0772/7000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 720-3500
; TELEFAX: (617) 720-2441

; INFORMATION FOR SEQ ID NO: 48:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 252 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: s21

US-08-441-971-48

Query Match 100.0%; Score 20; DB 3; Length 252;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCAACTACTC 20
Db 186 TTTCGGACCCCAACTACTC 167

RESULT 125

US-08-441-971-49/c
; Sequence 49, Application US/08441971
; Patent No. 6071693
; GENERAL INFORMATION:
; APPLICANT: Tai-An Cha
; TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
; TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
; NUMBER OF SEQUENCES: 147
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
; STREET: 600 Atlantic Avenue
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02210

```

;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 5.25 inch
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS-DOS Version 3.3
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/441,971
; FILING DATE: 16-MAY-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/221,653
; FILING DATE:
; APPLICATION NUMBER: US/07/881,528
; FILING DATE:
; APPLICATION NUMBER: 07/697,326
; FILING DATE: 8 May 1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Janiuk, Anthony J.
; REGISTRATION NUMBER: 29,809
; REFERENCE/DOCKET NUMBER: C0772/7000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 720-3500
; TELEFAX: (617) 720-2441
; TELEX: EZEKIEL
; INFORMATION FOR SEQ ID NO: 49:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 252 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: gj61329
;
US-08-441-971-49
Query Match 100.0%; Score 20; DB 3; Length 252;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTCGCGACCCCACTACTC 20
Db 186 TTCGCGACCCCACTACTC 167

RESULT 126
US-08-221-653-33/c
; Sequence 33, Application US/08221653
; Patent No. 6190864
; GENERAL INFORMATION:
; APPLICANT: Tai-An Cha
; TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
; TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
; NUMBER OF SEQUENCES: 147
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
; STREET: 600 Atlantic Avenue
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 5.25 inch
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS-DOS Version 3.3
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/221,653
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/881,528
; FILING DATE:
; APPLICATION NUMBER: 07/697,326
; FILING DATE: 8 May 1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Janiuk, Anthony J.
; REGISTRATION NUMBER: 29,809
; REFERENCE/DOCKET NUMBER: C0772/7000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 720-3500
; TELEFAX: (617) 720-2441
; TELEX: EZEKIEL
; INFORMATION FOR SEQ ID NO: 34:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 252 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;

```

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;
; FILING DATE: 8 May 1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Janiuk, Anthony J.
; REGISTRATION NUMBER: 29,809
; REFERENCE/DOCKET NUMBER: C0772/7000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 720-3500
; TELEFAX: (617) 720-2441
; TELEX: EZEKIEL
; INFORMATION FOR SEQ ID NO: 33:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 252 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; ORIGINAL SOURCE: (ATCC # 40394)
; INDIVIDUAL ISOLATE: hcv1
;
US-08-221-653-33
Query Match 100.0%; Score 20; DB 3; Length 252;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTCGCGACCCCACTACTC 20
Db 186 TTCGCGACCCCACTACTC 167

RESULT 127
US-08-221-653-34/c
; Sequence 34, Application US/08221653
; Patent No. 6190864
; GENERAL INFORMATION:
; APPLICANT: Tai-An Cha
; TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
; TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
; NUMBER OF SEQUENCES: 147
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
; STREET: 600 Atlantic Avenue
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 5.25 inch
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS-DOS Version 3.3
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/221,653
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/881,528
; FILING DATE:
; APPLICATION NUMBER: 07/697,326
; FILING DATE: 8 May 1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Janiuk, Anthony J.
; REGISTRATION NUMBER: 29,809
; REFERENCE/DOCKET NUMBER: C0772/7000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 720-3500
; TELEFAX: (617) 720-2441
; TELEX: EZEKIEL
; INFORMATION FOR SEQ ID NO: 34:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 252 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;

```

```

; MOLECULE TYPE: DNA
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: us5
US-08-221-653-34
Query Match 100.0%; Score 20; DB 3; Length 252;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCAACTACTC 20
Db 186 TTTCGGACCCCAACTACTC 167

RESULT 128
US-08-221-653-35/c
; Sequence 35, Application US/08221653
; Patent No. 6190864
; GENERAL INFORMATION:
; APPLICANT: Tai-An Cha
; TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
; TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
; NUMBER OF SEQUENCES: 147
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
; STREET: 600 Atlantic Avenue
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 5.25 inch
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS-DOS Version 3.3
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/221,653
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/881,528
; FILING DATE:
; APPLICATION NUMBER: 07/697,326
; FILING DATE: 8 May 1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Janiuk, Anthony J.
; REGISTRATION NUMBER: 29,809
; REFERENCE/DOCKET NUMBER: C0772/7000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 720-3500
; TELEFAX: (617) 720-2441
; TELEX: EZEKIEL
; INFORMATION FOR SEQ ID NO: 35:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 252 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: aus1
US-08-221-653-35
Query Match 100.0%; Score 20; DB 3; Length 252;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCAACTACTC 20
Db 186 TTTCGGACCCCAACTACTC 167

RESULT 129
US-08-221-653-36/c
; Sequence 36, Application US/08221653
; Patent No. 6190864
; GENERAL INFORMATION:
; APPLICANT: Tai-An Cha
; TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
; TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
; NUMBER OF SEQUENCES: 147
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
; STREET: 600 Atlantic Avenue
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 5.25 inch
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS-DOS Version 3.3
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/221,653
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/881,528
; FILING DATE:
; APPLICATION NUMBER: 07/697,326
; FILING DATE: 8 May 1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Janiuk, Anthony J.
; REGISTRATION NUMBER: 29,809
; REFERENCE/DOCKET NUMBER: C0772/7000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 720-3500
; TELEFAX: (617) 720-2441
; TELEX: EZEKIEL
; INFORMATION FOR SEQ ID NO: 36:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 252 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: sp2
US-08-221-653-36
Query Match 100.0%; Score 20; DB 3; Length 252;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCAACTACTC 20
Db 186 TTTCGGACCCCAACTACTC 167

RESULT 130
US-08-221-653-37/c
; Sequence 37, Application US/08221653
; Patent No. 6190864
; GENERAL INFORMATION:
; APPLICANT: Tai-An Cha
; TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
; TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
; NUMBER OF SEQUENCES: 147
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
; STREET: 600 Atlantic Avenue
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02210
```

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 5.25 inch
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS-DOS Version 3.3
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/221,653
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/881,528
; FILING DATE:
; APPLICATION NUMBER: 07/697,326
; FILING DATE: 8 May 1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Janiuk, Anthony J.
; REGISTRATION NUMBER: 29,809
; REFERENCE/DOCKET NUMBER: C0772/7000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 720-3500
; TELEFAX: (617) 720-2441
; TELEX: EZEKIEL
; INFORMATION FOR SEQ ID NO: 37:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 252 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: gm2
US-08-221-653-37

Query Match 100.0%; Score 20; DB 3; Length 252;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTGCGACCCCAACTACTC 20
Db 186 TTGCGACCCCAACTACTC 167

RESULT 131
US-08-221-653-38/c
; Sequence 38, Application US/08221653
; Patent No. 6190864
; GENERAL INFORMATION:
; APPLICANT: Tai-An Cha
; TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
; NUMBER OF SEQUENCES: 147
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
; STREET: 600 Atlantic Avenue
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 5.25 inch
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS-DOS Version 3.3
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/221,653
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/881,528
; FILING DATE:
; APPLICATION NUMBER: 07/697,326
; FILING DATE: 8 May 1991
; ATTORNEY/AGENT INFORMATION:

; NAME: Janiuk, Anthony J.
; REGISTRATION NUMBER: 29,809
; REFERENCE/DOCKET NUMBER: C0772/7000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 720-3500
; TELEFAX: (617) 720-2441
; TELEX: EZEKIEL
; INFORMATION FOR SEQ ID NO: 38:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 252 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: i21
US-08-221-653-38

Query Match 100.0%; Score 20; DB 3; Length 252;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTGCGACCCCAACTACTC 20
Db 186 TTGCGACCCCAACTACTC 167

RESULT 132
US-08-221-653-39/c
; Sequence 39, Application US/08221653
; Patent No. 6190864
; GENERAL INFORMATION:
; APPLICANT: Tai-An Cha
; TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
; NUMBER OF SEQUENCES: 147
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
; STREET: 600 Atlantic Avenue
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 5.25 inch
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS-DOS Version 3.3
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/221,653
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/881,528
; FILING DATE:
; APPLICATION NUMBER: 07/697,326
; FILING DATE: 8 May 1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Janiuk, Anthony J.
; REGISTRATION NUMBER: 29,809
; REFERENCE/DOCKET NUMBER: C0772/7000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 720-3500
; TELEFAX: (617) 720-2441
; TELEX: EZEKIEL
; INFORMATION FOR SEQ ID NO: 39:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 252 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; ORIGINAL SOURCE:


```
; INDIVIDUAL ISOLATE: us4
US-08-221-653-39

Query Match      100.0%; Score 20; DB 3; Length 252;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 TTCGCGACCCCAACTACTC 20
Db      186 TTCGCGACCCCAACTACTC 167

RESULT 133
US-08-221-653-40/c
; Sequence 40, Application US/08221653
; Patent No. 6190864
; GENERAL INFORMATION:
; APPLICANT: Tai-An Cha
; TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
; TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
; NUMBER OF SEQUENCES: 147
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
; STREET: 600 Atlantic Avenue
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 5.25 inch
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS-DOS Version 3.3
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/221.653
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/881.528
; FILING DATE:
; APPLICATION NUMBER: 07/697.326
; FILING DATE: 8 May 1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Janiuk, Anthony J.
; REGISTRATION NUMBER: 29,809
; REFERENCE/DOCKET NUMBER: C0772/7000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 720-3500
; TELEFAX: (617) 720-2441
; TELEX: EZEKIEL
; INFORMATION FOR SEQ ID NO: 40:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 252 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: jh1
US-08-221-653-40

Query Match      100.0%; Score 20; DB 3; Length 252;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 TTCGCGACCCCAACTACTC 20
Db      186 TTCGCGACCCCAACTACTC 167

RESULT 134
US-08-221-653-41/c
; Sequence 41, Application US/08221653
; Patent No. 6190864
; GENERAL INFORMATION:
; APPLICANT: Tai-An Cha
; TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
; TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
; NUMBER OF SEQUENCES: 147
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
; STREET: 600 Atlantic Avenue
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 5.25 inch
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS-DOS Version 3.3
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/221.653
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/881.528
; FILING DATE:
; APPLICATION NUMBER: 07/697.326
; FILING DATE: 8 May 1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Janiuk, Anthony J.
; REGISTRATION NUMBER: 29,809
; REFERENCE/DOCKET NUMBER: C0772/7000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 720-3500
; TELEFAX: (617) 720-2441
; TELEX: EZEKIEL
; INFORMATION FOR SEQ ID NO: 41:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 252 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: nacs
US-08-221-653-41

Query Match      100.0%; Score 20; DB 3; Length 252;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 TTCGCGACCCCAACTACTC 20
Db      186 TTCGCGACCCCAACTACTC 167

RESULT 135
US-08-221-653-42/c
; Sequence 42, Application US/08221653
; Patent No. 6190864
; GENERAL INFORMATION:
; APPLICANT: Tai-An Cha
; TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
; TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
; NUMBER OF SEQUENCES: 147
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
; STREET: 600 Atlantic Avenue
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 5.25 inch
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS-DOS Version 3.3
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/221.653
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/881.528
; FILING DATE:
; APPLICATION NUMBER: 07/697.326
; FILING DATE: 8 May 1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Janiuk, Anthony J.
; REGISTRATION NUMBER: 29,809
; REFERENCE/DOCKET NUMBER: C0772/7000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 720-3500
; TELEFAX: (617) 720-2441
; TELEX: EZEKIEL
; INFORMATION FOR SEQ ID NO: 42:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 252 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: nacs
US-08-221-653-42
```

; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS-DOS Version 3.3
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/221,653
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/881,528
; FILING DATE:
; APPLICATION NUMBER: 07/697,326
; FILING DATE: 8 May 1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Janiuk, Anthony J.
; REGISTRATION NUMBER: 29,809
; REFERENCE/DOCKET NUMBER: C0772/7000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 720-3500
; TELEFAX: (617) 720-2441
; TELEX: EZEKIEL
; INFORMATION FOR SEQ ID NO: 42:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 252 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: arg2
; US-08-221-653-42

Query Match 100.0%; Score 20; DB 3; Length 252;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCACTACTC 20
|||
Db 186 TTTCGGACCCCACTACTC 167

RESULT 136
US-08-221-653-43/c
; Sequence 43, Application US/08221653
; Patent No. 6190864
; GENERAL INFORMATION:
; APPLICANT: Tai-An Cha
; TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
; TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
; NUMBER OF SEQUENCES: 147
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
; STREET: 600 Atlantic Avenue
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 5.25 inch
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS-DOS Version 3.3
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/221,653
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/881,528
; FILING DATE:
; APPLICATION NUMBER: 07/697,326
; FILING DATE: 8 May 1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Janiuk, Anthony J.
; REGISTRATION NUMBER: 29,809

; REFERENCE/DOCKET NUMBER: C0772/7000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 720-3500
; TELEFAX: (617) 720-2441
; TELEX: EZEKIEL
; INFORMATION FOR SEQ ID NO: 43:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 252 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: sp1
; US-08-221-653-43

Query Match 100.0%; Score 20; DB 3; Length 252;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCACTACTC 20
|||
Db 186 TTTCGGACCCCACTACTC 167

RESULT 137
US-08-221-653-44/c
; Sequence 44, Application US/08221653
; Patent No. 6190864
; GENERAL INFORMATION:
; APPLICANT: Tai-An Cha
; TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
; TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
; NUMBER OF SEQUENCES: 147
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
; STREET: 600 Atlantic Avenue
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 5.25 inch
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS-DOS Version 3.3
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/221,653
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/881,528
; FILING DATE:
; APPLICATION NUMBER: 07/697,326
; FILING DATE: 8 May 1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Janiuk, Anthony J.
; REGISTRATION NUMBER: 29,809
; REFERENCE/DOCKET NUMBER: C0772/7000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 720-3500
; TELEFAX: (617) 720-2441
; TELEX: EZEKIEL
; INFORMATION FOR SEQ ID NO: 44:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 252 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: gh1
; US-08-221-653-44

Query Match 100.0%; Score 20; DB 3; Length 252;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCAACTACTC 20
Db 186 TTTCGGACCCCAACTACTC 167

RESULT 138

US-08-221-653-45/c
; Sequence 45, Application US/08221653
; Patent No. 6190864
; GENERAL INFORMATION:
; APPLICANT: Tai-An Cha
; TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
; TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
; NUMBER OF SEQUENCES: 147

; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
; STREET: 600 Atlantic Avenue
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02210

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 5.25 inch
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS-DOS Version 3.3
; SOFTWARE: WordPerfect 5.1

; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/221,653
; FILING DATE:

; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/881,528

; FILING DATE: 07/697,326

; FILING DATE: 8 May 1991

; ATTORNEY/AGENT INFORMATION:

; NAME: Janiuk, Anthony J.

; REGISTRATION NUMBER: 29,809

; REFERENCE/DOCKET NUMBER: C0772/7000

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (617) 720-3500

; TELEFAX: (617) 720-2441

; TELEX: EZEKIEL

; INFORMATION FOR SEQ ID NO: 45:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 252 nucleotides

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: DNA

; ORIGINAL SOURCE:

; INDIVIDUAL ISOLATE: i15

US-08-221-653-45

Query Match 100.0%; Score 20; DB 3; Length 252;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCAACTACTC 20
Db 186 TTTCGGACCCCAACTACTC 167

RESULT 139

US-08-221-653-48/c
; Sequence 48, Application US/08221653
; Patent No. 6190864
; GENERAL INFORMATION:

; APPLICANT: Tai-An Cha
; TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
; TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
; NUMBER OF SEQUENCES: 147

; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
; STREET: 600 Atlantic Avenue
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02210

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 5.25 inch
; COMPUTER: IBM compatible

; OPERATING SYSTEM: MS-DOS Version 3.3

; SOFTWARE: WordPerfect 5.1

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/221,653

; FILING DATE:

; CLASSIFICATION: 435

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US/07/881,528

; FILING DATE:

; APPLICATION NUMBER: 07/697,326

; FILING DATE: 8 May 1991

; ATTORNEY/AGENT INFORMATION:

; NAME: Janiuk, Anthony J.

; REGISTRATION NUMBER: 29,809

; REFERENCE/DOCKET NUMBER: C0772/7000

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (617) 720-3500

; TELEFAX: (617) 720-2441

; TELEX: EZEKIEL

; INFORMATION FOR SEQ ID NO: 48:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 252 nucleotides

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: DNA

; ORIGINAL SOURCE:

; INDIVIDUAL ISOLATE: 821

US-08-221-653-48

Query Match 100.0%; Score 20; DB 3; Length 252;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCAACTACTC 20
Db 186 TTTCGGACCCCAACTACTC 167

RESULT 140

US-08-221-653-49/c
; Sequence 49, Application US/08221653
; Patent No. 6190864
; GENERAL INFORMATION:

; APPLICANT: Tai-An Cha
; TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
; TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
; NUMBER OF SEQUENCES: 147

; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
; STREET: 600 Atlantic Avenue
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02210

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 5.25 inch
; COMPUTER: IBM compatible

; OPERATING SYSTEM: MS-DOS Version 3.3

SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/221,653
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/891,528
FILING DATE:
APPLICATION NUMBER: 07/697,326
FILING DATE: 8 May 1991
ATTORNEY/AGENT INFORMATION:
NAME: Janiuk, Anthony J.
REGISTRATION NUMBER: 29,809
REFERENCE/DOCKET NUMBER: C0772/7000
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 720-3500
TELEFAX: (617) 720-2441
TELEX: EZEKIEL
INFORMATION FOR SEQ ID NO: 49:
SEQUENCE CHARACTERISTICS:
LENGTH: 252 nucleotides
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
ORIGINAL SOURCE:
INDIVIDUAL ISOLATE: gj61329

US-08-221-653-49
Query Match 100.0%; Score 20; DB 3; Length 252;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTGCGACCCCACTACTC 20
|||||
Db 186 TTGCGACCCCACTACTC 167

RESULT 141
US-08-442-144A-33/C
Sequence 33, Application US/08442144A
Patent No. 6214583
GENERAL INFORMATION:
APPLICANT: Tai-An Cha
APPLICANT: Bileen Beall
APPLICANT: Bruce Irvine
APPLICANT: Janice Kolberg
APPLICANT: Michael S. Urdea
TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
DIAGNOSTICS AND THERAPEUTICS
NUMBER OF SEQUENCES: 148
CORRESPONDENCE ADDRESS:
ADDRESSEE: Chiron Corporation
STREET: 4560 Horton Street
CITY: Emeryville
STATE: California
COUNTRY: USA
ZIP: 94608-2916
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 Inch
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows NT
SOFTWARE: Microsoft Word 97
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/442,144A
FILING DATE: MAY 16, 1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/221,653
FILING DATE: APRIL 1, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Doreen Yatko Trujillo
REGISTRATION NUMBER: 35,719
REFERENCE/DOCKET NUMBER: CHIR-0121
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
TELEX:
INFORMATION FOR SEQ ID NO: 34:
SEQUENCE CHARACTERISTICS:
LENGTH: 252 Nucleotides
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
MOLECULE TYPE: DNA
ORIGINAL SOURCE:

REFERENCE/DOCKET NUMBER: CHIR-0121
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
TELEX:
INFORMATION FOR SEQ ID NO: 33:
SEQUENCE CHARACTERISTICS:
LENGTH: 252 Nucleotides
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
MOLECULE TYPE: DNA
ORIGINAL SOURCE:
INDIVIDUAL ISOLATE: hcv1 (ATCC# 40394)

US-08-442-144A-33
Query Match 100.0%; Score 20; DB 3; Length 252;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTGCGACCCCACTACTC 20
|||||
Db 186 TTGCGACCCCACTACTC 167

RESULT 142
US-08-442-144A-34/C
Sequence 34, Application US/08442144A
Patent No. 6214583
GENERAL INFORMATION:
APPLICANT: Tai-An Cha
APPLICANT: Bileen Beall
APPLICANT: Bruce Irvine
APPLICANT: Janice Kolberg
APPLICANT: Michael S. Urdea
TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
DIAGNOSTICS AND THERAPEUTICS
NUMBER OF SEQUENCES: 148
CORRESPONDENCE ADDRESS:
ADDRESSEE: Chiron Corporation
STREET: 4560 Horton Street
CITY: Emeryville
STATE: California
COUNTRY: USA
ZIP: 94608-2916
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 Inch
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows NT
SOFTWARE: Microsoft Word 97
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/442,144A
FILING DATE: MAY 16, 1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/221,653
FILING DATE: APRIL 1, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Doreen Yatko Trujillo
REGISTRATION NUMBER: 35,719
REFERENCE/DOCKET NUMBER: CHIR-0121
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
TELEX:
INFORMATION FOR SEQ ID NO: 34:
SEQUENCE CHARACTERISTICS:
LENGTH: 252 Nucleotides
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
MOLECULE TYPE: DNA
ORIGINAL SOURCE:

```
; INDIVIDUAL ISOLATE: us5
US-08-442-144A-34
Query Match 100.0%; Score 20; DB 3; Length 252;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTTCGGACCCCAACTACTC 20
Db 186 TTTCGGACCCCAACTACTC 167

RESULT 143
US-08-442-144A-35/c
; Sequence 35, Application US/08442144A
; Patent No. 6214583
; GENERAL INFORMATION:
; APPLICANT: Tai-An Cha
; APPLICANT: Eileen Beall
; APPLICANT: Bruce Irvine
; APPLICANT: Janice Kolberg
; APPLICANT: Michael S. Urdea
; TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
; NUMBER OF SEQUENCES: 148
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Chiron Corporation
; STREET: 4560 Horton Street
; CITY: Emeryville
; STATE: California
; COUNTRY: USA
; ZIP: 94608-2916
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 Inch
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows NT
; SOFTWARE: Microsoft Word 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/442,144A
; FILING DATE: MAY 16, 1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/221,653
; FILING DATE: APRIL 1, 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Doreen Yatko Trujillo
; REGISTRATION NUMBER: 35,719
; REFERENCE/DOCKET NUMBER: CHIR-0121
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; TELEX:
; INFORMATION FOR SEQ ID NO: 35:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 252 Nucleotides
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; MOLECULE TYPE: DNA
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: aus1
US-08-442-144A-35
Query Match 100.0%; Score 20; DB 3; Length 252;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTTCGGACCCCAACTACTC 20
Db 186 TTTCGGACCCCAACTACTC 167

RESULT 144
US-08-442-144A-36/c
; Sequence 36, Application US/08442144A
; Patent No. 6214583
; GENERAL INFORMATION:
; APPLICANT: Tai-An Cha
; APPLICANT: Eileen Beall
; APPLICANT: Bruce Irvine
; APPLICANT: Janice Kolberg
; APPLICANT: Michael S. Urdea
; TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
; NUMBER OF SEQUENCES: 148
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Chiron Corporation
; STREET: 4560 Horton Street
; CITY: Emeryville
; STATE: California
; COUNTRY: USA
; ZIP: 94608-2916
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 Inch
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows NT
; SOFTWARE: Microsoft Word 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/442,144A
; FILING DATE: MAY 16, 1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/221,653
; FILING DATE: APRIL 1, 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Doreen Yatko Trujillo
; REGISTRATION NUMBER: 35,719
; REFERENCE/DOCKET NUMBER: CHIR-0121
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; TELEX:
; INFORMATION FOR SEQ ID NO: 36:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 252 Nucleotides
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; MOLECULE TYPE: DNA
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: sp2
US-08-442-144A-36
Query Match 100.0%; Score 20; DB 3; Length 252;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTTCGGACCCCAACTACTC 20
Db 186 TTTCGGACCCCAACTACTC 167

RESULT 145
US-08-442-144A-37/c
; Sequence 37, Application US/08442144A
; Patent No. 6214583
; GENERAL INFORMATION:
; APPLICANT: Tai-An Cha
; APPLICANT: Eileen Beall
; APPLICANT: Bruce Irvine
; APPLICANT: Janice Kolberg
; APPLICANT: Michael S. Urdea
; TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
; NUMBER OF SEQUENCES: 148
; CORRESPONDENCE ADDRESS:
```

ADDRESSEE: Chiron Corporation
STREET: 4560 Horton Street
CITY: Emeryville
STATE: California
COUNTRY: USA
ZIP: 94608-2916
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 Inch
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows NT
SOFTWARE: Microsoft Word 97
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/442.144A
FILING DATE: MAY 16, 1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/221.653
FILING DATE: APRIL 1, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Doreen Yacko Trujillo
REGISTRATION NUMBER: 35,719
REFERENCE/DOCKET NUMBER: CHIR-0121
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
TELEX:
INFORMATION FOR SEQ ID NO: 37:
SEQUENCE CHARACTERISTICS:
LENGTH: 252 Nucleotides
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
MOLECULE TYPE: DNA
ORIGINAL SOURCE:
INDIVIDUAL ISOLATE: gm2
US-08-442-144A-37

Query Match 100.0%; Score 20; DB 3; Length 252;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCACTACTC 20
|||||
Db 186 TTTCGGACCCCACTACTC 167

RESULT 146
US-08-442-144A-38/c
Sequence 38, Application US/08442144A
Patent No. 6214583
GENERAL INFORMATION:
APPLICANT: Tai-An Cha
APPLICANT: Eileen Beall
APPLICANT: Bruce Irvine
APPLICANT: Janice Kolberg
APPLICANT: Michael S. Urdea
TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
DIAGNOSTICS AND THERAPEUTICS
NUMBER OF SEQUENCES: 148
CORRESPONDENCE ADDRESS:
ADDRESSEE: Chiron Corporation
STREET: 4560 Horton Street
CITY: Emeryville
STATE: California
COUNTRY: USA
ZIP: 94608-2916
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 Inch
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows NT
SOFTWARE: Microsoft Word 97
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/442.144A

FILING DATE: MAY 16, 1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/221.653
FILING DATE: APRIL 1, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Doreen Yacko Trujillo
REGISTRATION NUMBER: 35,719
REFERENCE/DOCKET NUMBER: CHIR-0121
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
TELEX:
INFORMATION FOR SEQ ID NO: 38:
SEQUENCE CHARACTERISTICS:
LENGTH: 252 Nucleotides
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
MOLECULE TYPE: DNA
ORIGINAL SOURCE:
INDIVIDUAL ISOLATE: i21
US-08-442-144A-38

Query Match 100.0%; Score 20; DB 3; Length 252;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCACTACTC 20
|||||
Db 186 TTTCGGACCCCACTACTC 167

RESULT 147
US-08-442-144A-39/c
Sequence 39, Application US/08442144A
Patent No. 6214583
GENERAL INFORMATION:
APPLICANT: Tai-An Cha
APPLICANT: Eileen Beall
APPLICANT: Bruce Irvine
APPLICANT: Janice Kolberg
APPLICANT: Michael S. Urdea
TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
DIAGNOSTICS AND THERAPEUTICS
NUMBER OF SEQUENCES: 148
CORRESPONDENCE ADDRESS:
ADDRESSEE: Chiron Corporation
STREET: 4560 Horton Street
CITY: Emeryville
STATE: California
COUNTRY: USA
ZIP: 94608-2916
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 Inch
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows NT
SOFTWARE: Microsoft Word 97
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/442.144A
FILING DATE: MAY 16, 1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/221.653
FILING DATE: APRIL 1, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Doreen Yacko Trujillo
REGISTRATION NUMBER: 35,719
REFERENCE/DOCKET NUMBER: CHIR-0121
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
TELEX:

; INFORMATION FOR SEQ ID NO: 39;

; SEQUENCE CHARACTERISTICS:

; LENGTH: 252 Nucleotides

; TYPE: Nucleic Acid

; STRANDEDNESS: Single

; TOPOLOGY: Linear

; MOLECULE TYPE: DNA

; ORIGINAL SOURCE:

; INDIVIDUAL ISOLATE: us4

US-08-442-144A-39

Query Match 100.0%; Score 20; DB 3; Length 252;

Best Local Similarity 100.0%; Pred. No. 0.0033;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTTCGGACCCCACTACTC 20

Db 186 TTTCGGACCCCACTACTC 167

RESULT 148

US-08-442-144A-40/c

; Sequence 40, Application US/08442144A

; Patent No. 6214583

; GENERAL INFORMATION:

; APPLICANT: Tai-An Cha

; APPLICANT: Eileen Beall

; APPLICANT: Bruce Irvine

; APPLICANT: Janice Kolberg

; APPLICANT: Michael S. Urdea

; TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR

; TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS

; NUMBER OF SEQUENCES: 148

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Chiron Corporation

; STREET: 4560 Horton Street

; CITY: Emeryville

; STATE: California

; COUNTRY: USA

; ZIP: 94608-2916

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Diskette, 3.5 Inch

; COMPUTER: IBM Compatible

; OPERATING SYSTEM: Windows NT

; SOFTWARE: Microsoft Word 97

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/442.144A

; FILING DATE: MAY 16, 1995

; CLASSIFICATION: 435

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 08/221,653

; FILING DATE: APRIL 1, 1994

; ATTORNEY/AGENT INFORMATION:

; NAME: Doreen Yatko Trujillo

; REGISTRATION NUMBER: 35,719

; REFERENCE/DOCKET NUMBER: CHIR-0121

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 215-568-3100

; TELEFAX: 215-568-3439

; TELEX:

; INFORMATION FOR SEQ ID NO: 40:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 252 Nucleotides

; TYPE: Nucleic Acid

; STRANDEDNESS: Single

; TOPOLOGY: Linear

; MOLECULE TYPE: DNA

; ORIGINAL SOURCE:

; INDIVIDUAL ISOLATE: jh1

US-08-442-144A-40

Query Match

Best Local Similarity 100.0%; Score 20; DB 3; Length 252;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTTCGGACCCCACTACTC 20

Db 186 TTTCGGACCCCACTACTC 167

RESULT 149

US-08-442-144A-41/c

; Sequence 41, Application US/08442144A

; Patent No. 6214583

; GENERAL INFORMATION:

; APPLICANT: Tai-An Cha

; APPLICANT: Eileen Beall

; APPLICANT: Bruce Irvine

; APPLICANT: Janice Kolberg

; APPLICANT: Michael S. Urdea

; TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR

; TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS

; NUMBER OF SEQUENCES: 148

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Chiron Corporation

; STREET: 4560 Horton Street

; CITY: Emeryville

; STATE: California

; COUNTRY: USA

; ZIP: 94608-2916

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Diskette, 3.5 Inch

; COMPUTER: IBM Compatible

; OPERATING SYSTEM: Windows NT

; SOFTWARE: Microsoft Word 97

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/442.144A

; FILING DATE: MAY 16, 1995

; CLASSIFICATION: 435

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 08/221,653

; FILING DATE: APRIL 1, 1994

; ATTORNEY/AGENT INFORMATION:

; NAME: Doreen Yatko Trujillo

; REGISTRATION NUMBER: 35,719

; REFERENCE/DOCKET NUMBER: CHIR-0121

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 215-568-3100

; TELEFAX: 215-568-3439

; TELEX:

; INFORMATION FOR SEQ ID NO: 41:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 252 Nucleotides

; TYPE: Nucleic Acid

; STRANDEDNESS: Single

; TOPOLOGY: Linear

; MOLECULE TYPE: DNA

; ORIGINAL SOURCE:

; INDIVIDUAL ISOLATE: nacs

US-08-442-144A-41

Query Match 100.0%; Score 20; DB 3; Length 252;

Best Local Similarity 100.0%; Pred. No. 0.0033;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTTCGGACCCCACTACTC 20

Db 186 TTTCGGACCCCACTACTC 167

RESULT 150

US-08-442-144A-42/c

; Sequence 42, Application US/08442144A

; Patent No. 6214583

; GENERAL INFORMATION:

; APPLICANT: Tai-An Cha

;; APPLICANT: Eileen Beall
;; APPLICANT: Bruce Irvine
;; APPLICANT: Janice Kolberg
;; APPLICANT: Michael S. Urdea
;; TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
;; DIAGNOSTICS AND THERAPEUTICS
;; NUMBER OF SEQUENCES: 148
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Chiron Corporation
;; STREET: 4560 Horton Street
;; CITY: Emeryville
;; STATE: California
;; COUNTRY: USA
;;
;; ZIP: 94608-2916
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Diskette, 3.5 Inch
;; COMPUTER: IBM Compatible
;; OPERATING SYSTEM: Windows NT
;; SOFTWARE: Microsoft Word 97
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/442,144A
;; FILING DATE: MAY 16, 1995
;; CLASSIFICATION: 435
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 08/221,653
;; FILING DATE: APRIL 1, 1994
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Doreen Yanko Trujillo
;; REGISTRATION NUMBER: 35,719
;; REFERENCE/DOCKET NUMBER: CHIR-0121
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 215-568-3100
;; TELEFAX: 215-568-3439
;; TELEX:
;;
;; INFORMATION FOR SEQ ID NO: 42:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 252 Nucleotides
;; TYPE: Nucleic Acid
;; STRANDEDNESS: Single
;; TOPOLOGY: Linear
;; MOLECULE TYPE: DNA
;; ORIGINAL SOURCE:
;; INDIVIDUAL ISOLATE: arg2
;;
US-08-442-144A-42

Query Match 100.0%; Score 20; DB 3; Length 252;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 1 TTTCGGACCCCAACTACTC 20
Db 186 TTTCGGACCCCAACTACTC 167

RESULT 151
US-08-442-144A-43/c
; Sequence 43, Application US/08442144A
; Patent No. 6214583
; GENERAL INFORMATION:
; APPLICANT: Tai-An Cha
; APPLICANT: Eileen Beall
; APPLICANT: Bruce Irvine
; APPLICANT: Janice Kolberg
; APPLICANT: Michael S. Urdea
; TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
; DIAGNOSTICS AND THERAPEUTICS
; NUMBER OF SEQUENCES: 148
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Chiron Corporation
; STREET: 4560 Horton Street
; CITY: Emeryville
; STATE: California
; COUNTRY: USA

;; ZIP: 94608-2916
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Diskette, 3.5 Inch
;; COMPUTER: IBM Compatible
;; OPERATING SYSTEM: Windows NT
;; SOFTWARE: Microsoft Word 97
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/442,144A
;; FILING DATE: MAY 16, 1995
;; CLASSIFICATION: 435
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 08/221,653
;; FILING DATE: APRIL 1, 1994
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Doreen Yanko Trujillo
;; REGISTRATION NUMBER: 35,719
;; REFERENCE/DOCKET NUMBER: CHIR-0121
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 215-568-3100
;; TELEFAX: 215-568-3439
;; TELEX:
;;
;; INFORMATION FOR SEQ ID NO: 43:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 252 Nucleotides
;; TYPE: Nucleic Acid
;; STRANDEDNESS: Single
;; TOPOLOGY: Linear
;; MOLECULE TYPE: DNA
;; ORIGINAL SOURCE:
;; INDIVIDUAL ISOLATE: sp1
;;
US-08-442-144A-43

Query Match 100.0%; Score 20; DB 3; Length 252;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 1 TTTCGGACCCCAACTACTC 20
Db 186 TTTCGGACCCCAACTACTC 167

RESULT 152
US-08-442-144A-44/c
; Sequence 44, Application US/08442144A
; Patent No. 6214583
; GENERAL INFORMATION:
; APPLICANT: Tai-An Cha
; APPLICANT: Eileen Beall
; APPLICANT: Bruce Irvine
; APPLICANT: Janice Kolberg
; APPLICANT: Michael S. Urdea
; TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
; DIAGNOSTICS AND THERAPEUTICS
; NUMBER OF SEQUENCES: 148
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Chiron Corporation
; STREET: 4560 Horton Street
; CITY: Emeryville
; STATE: California
; COUNTRY: USA
; ZIP: 94608-2916
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 Inch
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows NT
; SOFTWARE: Microsoft Word 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/442,144A
; FILING DATE: MAY 16, 1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/221,653
; FILING DATE: APRIL 1, 1994

ATTORNEY/AGENT INFORMATION:
NAME: Doreen Yanko Trujillo
REGISTRATION NUMBER: 35,719
REFERENCE/DOCKET NUMBER: CHIR-0121
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
TELEX:
INFORMATION FOR SEQ ID NO: 44:
SEQUENCE CHARACTERISTICS:
LENGTH: 252 Nucleotides
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
MOLECULE TYPE: DNA
ORIGINAL SOURCE:
INDIVIDUAL ISOLATE: gh1
US-08-442-144A-44

Query Match 100.0%; Score 20; DB 3; Length 252;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCACTACTC 20
|||||
Db 186 TTTCGGACCCCACTACTC 167

RESULT 153
US-08-442-144A-45/c
Sequence 45, Application US/08442144A
Patent No. 6214583
GENERAL INFORMATION:
APPLICANT: Tai-An Cha
APPLICANT: Eileen Beall
APPLICANT: Bruce Irvine
APPLICANT: Janice Kolberg
APPLICANT: Michael S. Urdea
TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
DIAGNOSTICS AND THERAPEUTICS
NUMBER OF SEQUENCES: 148
CORRESPONDENCE ADDRESS:
ADDRESSEE: Chiron Corporation
STREET: 4560 Horton Street
CITY: Emeryville
STATE: California
COUNTRY: USA
ZIP: 94608-2916
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 Inch
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows NT
SOFTWARE: Microsoft Word 97
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/442,144A
FILING DATE: MAY 16, 1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/221,653
FILING DATE: APRIL 1, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Doreen Yanko Trujillo
REGISTRATION NUMBER: 35,719
REFERENCE/DOCKET NUMBER: CHIR-0121
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
TELEX:

INFORMATION FOR SEQ ID NO: 45:
SEQUENCE CHARACTERISTICS:
LENGTH: 252 Nucleotides
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
MOLECULE TYPE: DNA
ORIGINAL SOURCE:
INDIVIDUAL ISOLATE: gh1
US-08-442-144A-44

Query Match 100.0%; Score 20; DB 3; Length 252;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCACTACTC 20
|||||
Db 186 TTTCGGACCCCACTACTC 167

TOPOLOGY: Linear
MOLECULE TYPE: DNA
ORIGINAL SOURCE:
INDIVIDUAL ISOLATE: i15
US-08-442-144A-45

Query Match 100.0%; Score 20; DB 3; Length 252;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCACTACTC 20
|||||
Db 186 TTTCGGACCCCACTACTC 167

RESULT 154
US-08-442-144A-48/c
Sequence 48, Application US/08442144A
Patent No. 6214583
GENERAL INFORMATION:
APPLICANT: Tai-An Cha
APPLICANT: Eileen Beall
APPLICANT: Bruce Irvine
APPLICANT: Janice Kolberg
APPLICANT: Michael S. Urdea
TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
DIAGNOSTICS AND THERAPEUTICS
NUMBER OF SEQUENCES: 148
CORRESPONDENCE ADDRESS:
ADDRESSEE: Chiron Corporation
STREET: 4560 Horton Street
CITY: Emeryville
STATE: California
COUNTRY: USA
ZIP: 94608-2916
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 Inch
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows NT
SOFTWARE: Microsoft Word 97
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/442,144A
FILING DATE: MAY 16, 1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/221,653
FILING DATE: APRIL 1, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Doreen Yanko Trujillo
REGISTRATION NUMBER: 35,719
REFERENCE/DOCKET NUMBER: CHIR-0121
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
TELEX:

INFORMATION FOR SEQ ID NO: 48:
SEQUENCE CHARACTERISTICS:
LENGTH: 252 Nucleotides
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
MOLECULE TYPE: DNA
ORIGINAL SOURCE:
INDIVIDUAL ISOLATE: s21
US-08-442-144A-48

Query Match 100.0%; Score 20; DB 3; Length 252;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCACTACTC 20
|||||
Db 186 TTTCGGACCCCACTACTC 167

RESULT 155
US-08-442-144A-49/c
; Sequence 49, Application US/08442144A
; Patent No. 6214583
; GENERAL INFORMATION:
; APPLICANT: Tai-An Cha
; APPLICANT: Eileen Beall
; APPLICANT: Bruce Irvine
; APPLICANT: Janice Kolberg
; APPLICANT: Michael S. Urdea
; TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
; TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
; NUMBER OF SEQUENCES: 148
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Chiron Corporation
; STREET: 4560 Horton Street
; CITY: Emeryville
; STATE: California
; COUNTRY: USA
; ZIP: 94608-2916
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 Inch
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows NT
; SOFTWARE: Microsoft Word 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/442,144A
; FILING DATE: MAY 16, 1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/221,653
; FILING DATE: APRIL 1, 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Doreen Yacko Trujillo
; REGISTRATION NUMBER: 35,719
; REFERENCE/DOCKET NUMBER: CHIR-0121
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; TELEX:
; INFORMATION FOR SEQ ID NO: 49:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 252 Nucleotides
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; MOLECULE TYPE: DNA
; ORIGINAL SOURCE: gj61329
; INDIVIDUAL ISOLATE:
US-08-442-144A-49

Query Match 100.0%; Score 20; DB 3; Length 252;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTCGCGACCCCAACTACTC 20
|||||
Db 186 TTCGCGACCCCAACTACTC 167

RESULT 156
US-08-441-970-33/c
; Sequence 33, Application US/08441970
; Patent No. 6297370
; GENERAL INFORMATION:
; APPLICANT: Tai-An Cha
; TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
; TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
; NUMBER OF SEQUENCES: 147
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Wolf, Greenfield & Sacks, P.C.

; STREET: 600 Atlantic Avenue
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 5.25 inch
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS-DOS Version 3.3
; SOFTWARE: Wordperfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/441,970
; FILING DATE: 16-MAY-1995
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/881,528
; FILING DATE: 08-MAY-1992
; APPLICATION NUMBER: 07/697,326
; FILING DATE: 8 May 1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Janiuk, Anthony J.
; REGISTRATION NUMBER: 29,809
; REFERENCE/DOCKET NUMBER: C0772/7000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 720-3500
; TELEFAX: (617) 720-2441
; TELEX: EZEKIEL
; INFORMATION FOR SEQ ID NO: 33:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 252 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; ORIGINAL SOURCE: (ATCC # 40394)
; INDIVIDUAL ISOLATE: hcv1
US-08-441-970-33

Query Match 100.0%; Score 20; DB 3; Length 252;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTCGCGACCCCAACTACTC 20
|||||
Db 186 TTCGCGACCCCAACTACTC 167

RESULT 157
US-08-441-970-34/c
; Sequence 34, Application US/08441970
; Patent No. 6297370
; GENERAL INFORMATION:
; APPLICANT: Tai-An Cha
; TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
; TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
; NUMBER OF SEQUENCES: 147
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
; STREET: 600 Atlantic Avenue
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 5.25 inch
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS-DOS Version 3.3
; SOFTWARE: Wordperfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/441,970
; FILING DATE: 16-MAY-1995
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:

```
; APPLICATION NUMBER: 07/881,528
; FILING DATE: 08-MAY-1992
; APPLICATION NUMBER: 07/697,326
; FILING DATE: 8 May 1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Janiuk, Anthony J.
; REGISTRATION NUMBER: 29,809
; REFERENCE/DOCKET NUMBER: C0772/7000
; TELEPHONE: (617) 720-3500
; TELEFAX: (617) 720-2441
; TELEX: EZEKIEL
; INFORMATION FOR SEQ ID NO: 34:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 252 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: us5
US-08-441-970-34

Query Match 100.0%; Score 20; DB 3; Length 252;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCACTACTC 20
Db 186 TTTCGGACCCCACTACTC 167

RESULT 158
US-08-441-970-35/c
; Sequence 35, Application US/08441970
; Patent No. 6297370
; GENERAL INFORMATION:
; APPLICANT: Tai-An Cha
; TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
; DIAGNOSTICS AND THERAPEUTICS
; NUMBER OF SEQUENCES: 147
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
; STREET: 600 Atlantic Avenue
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 5.25 inch
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS-DOS Version 3.3
; SOFTWARE: Wordperfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/441,970
; FILING DATE: 16-MAY-1995
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/881,528
; FILING DATE: 08-MAY-1992
; APPLICATION NUMBER: 07/697,326
; FILING DATE: 8 May 1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Janiuk, Anthony J.
; REGISTRATION NUMBER: 29,809
; REFERENCE/DOCKET NUMBER: C0772/7000
; TELEPHONE: (617) 720-3500
; TELEFAX: (617) 720-2441
; TELEX: EZEKIEL
; INFORMATION FOR SEQ ID NO: 35:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 252 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: us5
US-08-441-970-35

Query Match 100.0%; Score 20; DB 3; Length 252;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCACTACTC 20
Db 186 TTTCGGACCCCACTACTC 167
```

```
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: aus1
US-08-441-970-35

Query Match 100.0%; Score 20; DB 3; Length 252;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCACTACTC 20
Db 186 TTTCGGACCCCACTACTC 167

RESULT 159
US-08-441-970-36/c
; Sequence 36, Application US/08441970
; Patent No. 6297370
; GENERAL INFORMATION:
; APPLICANT: Tai-An Cha
; TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
; DIAGNOSTICS AND THERAPEUTICS
; NUMBER OF SEQUENCES: 147
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
; STREET: 600 Atlantic Avenue
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 5.25 inch
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS-DOS Version 3.3
; SOFTWARE: Wordperfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/441,970
; FILING DATE: 16-MAY-1995
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/881,528
; FILING DATE: 08-MAY-1992
; APPLICATION NUMBER: 07/697,326
; FILING DATE: 8 May 1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Janiuk, Anthony J.
; REGISTRATION NUMBER: 29,809
; REFERENCE/DOCKET NUMBER: C0772/7000
; TELEPHONE: (617) 720-3500
; TELEFAX: (617) 720-2441
; TELEX: EZEKIEL
; INFORMATION FOR SEQ ID NO: 36:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 252 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: sp2
US-08-441-970-36

Query Match 100.0%; Score 20; DB 3; Length 252;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCACTACTC 20
Db 186 TTTCGGACCCCACTACTC 167
```

RESULT 160
US-08-441-970-37/c
; Sequence 37, Application US/08441970
; Patent No. 6297370
; GENERAL INFORMATION:
; APPLICANT: Tai-An Cha
; TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
; DIAGNOSTICS AND THERAPEUTICS
; NUMBER OF SEQUENCES: 147
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
; STREET: 600 Atlantic Avenue
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 5.25 inch
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS-DOS Version 3.3
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/441,970
; FILING DATE: 16-MAY-1995
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; FILING DATE: 07/881,528
; APPLICATION NUMBER: 07/697,326
; FILING DATE: 8 May 1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Janiuk, Anthony J.
; REGISTRATION NUMBER: 29,809
; REFERENCE/DOCKET NUMBER: C0772/7000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 720-3500
; TELEFAX: (617) 720-2441
; TELEX: EZEKIEL
; INFORMATION FOR SEQ ID NO: 37:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 252 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: gm2
US-08-441-970-37
Query Match 100.0%; Score 20; DB 3; Length 252;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 TTCCGACCCCAACTACTC 20
Db 186 TTCCGACCCCAACTACTC 167
RESULT 161
US-08-441-970-38/c
; Sequence 38, Application US/08441970
; Patent No. 6297370
; GENERAL INFORMATION:
; APPLICANT: Tai-An Cha
; TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
; DIAGNOSTICS AND THERAPEUTICS
; NUMBER OF SEQUENCES: 147
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
; STREET: 600 Atlantic Avenue
; CITY: Boston

; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 5.25 inch
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS-DOS Version 3.3
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/441,970
; FILING DATE: 16-MAY-1995
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; FILING DATE: 07/881,528
; APPLICATION NUMBER: 07/697,326
; FILING DATE: 8 May 1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Janiuk, Anthony J.
; REGISTRATION NUMBER: 29,809
; REFERENCE/DOCKET NUMBER: C0772/7000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 720-3500
; TELEFAX: (617) 720-2441
; TELEX: EZEKIEL
; INFORMATION FOR SEQ ID NO: 38:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 252 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: i21
US-08-441-970-38
Query Match 100.0%; Score 20; DB 3; Length 252;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 TTCCGACCCCAACTACTC 20
Db 186 TTCCGACCCCAACTACTC 167
RESULT 162
US-08-441-970-39/c
; Sequence 39, Application US/08441970
; Patent No. 6297370
; GENERAL INFORMATION:
; APPLICANT: Tai-An Cha
; TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
; DIAGNOSTICS AND THERAPEUTICS
; NUMBER OF SEQUENCES: 147
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
; STREET: 600 Atlantic Avenue
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 5.25 inch
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS-DOS Version 3.3
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/441,970
; FILING DATE: 16-MAY-1995
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/881,528
; FILING DATE: 08-MAY-1992

```
; APPLICATION NUMBER: 07/697,326
; FILING DATE: 8 May 1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Janiuk, Anthony J.
; REGISTRATION NUMBER: 29,809
; REFERENCE/DOCKET NUMBER: C0772/7000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 720-3500
; TELEFAX: (617) 720-2441
; TELEX: EZEKIEL
; INFORMATION FOR SEQ ID NO: 39:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 252 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: us4
US-08-441-970-39

Query Match 100.0%; Score 20; DB 3; Length 252;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTTCGGACCCCAACTACTC 20
Db 186 TTTCGGACCCCAACTACTC 167

RESULT 163
US-08-441-970-40/c
; Sequence 40, Application US/08441970
; Patent No. 6297370
; GENERAL INFORMATION:
; APPLICANT: Tai-An Cha
; TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
; DIAGNOSTICS AND THERAPEUTICS
; NUMBER OF SEQUENCES: 147
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
; STREET: 600 Atlantic Avenue
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 5.25 inch
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS-DOS Version 3.3
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/441,970
; FILING DATE: 16-MAY-1995
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/881,528
; FILING DATE: 08-MAY-1992
; APPLICATION NUMBER: 07/697,326
; FILING DATE: 8 May 1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Janiuk, Anthony J.
; REGISTRATION NUMBER: 29,809
; REFERENCE/DOCKET NUMBER: C0772/7000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 720-3500
; TELEFAX: (617) 720-2441
; TELEX: EZEKIEL
; INFORMATION FOR SEQ ID NO: 40:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 252 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: us4
US-08-441-970-40
```

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; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: jh1
US-08-441-970-40

Query Match 100.0%; Score 20; DB 3; Length 252;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTTCGGACCCCAACTACTC 20
Db 186 TTTCGGACCCCAACTACTC 167

RESULT 164
US-08-441-970-41/c
; Sequence 41, Application US/08441970
; Patent No. 6297370
; GENERAL INFORMATION:
; APPLICANT: Tai-An Cha
; TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
; DIAGNOSTICS AND THERAPEUTICS
; NUMBER OF SEQUENCES: 147
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
; STREET: 600 Atlantic Avenue
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 5.25 inch
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS-DOS Version 3.3
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/441,970
; FILING DATE: 16-MAY-1995
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/881,528
; FILING DATE: 08-MAY-1992
; APPLICATION NUMBER: 07/697,326
; FILING DATE: 8 May 1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Janiuk, Anthony J.
; REGISTRATION NUMBER: 29,809
; REFERENCE/DOCKET NUMBER: C0772/7000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 720-3500
; TELEFAX: (617) 720-2441
; TELEX: EZEKIEL
; INFORMATION FOR SEQ ID NO: 41:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 252 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: nacs
US-08-441-970-41

Query Match 100.0%; Score 20; DB 3; Length 252;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTTCGGACCCCAACTACTC 20
Db 186 TTTCGGACCCCAACTACTC 167
```

RESULT 165

US-08-441-970-42/c
; Sequence 42, Application US/08441970
; Patent No. 6297370
; GENERAL INFORMATION:
; APPLICANT: Tai-An Cha
; TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
; TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
; NUMBER OF SEQUENCES: 147
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
; STREET: 600 Atlantic Avenue
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02210

COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 5.25 inch
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS-DOS Version 3.3
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/441,970
; FILING DATE: 16-MAY-1995
; CLASSIFICATION: 536
; PRIOR APPLICATION NUMBER:
; APPLICATION NUMBER: 07/881,528
; FILING DATE: 08-MAY-1992
; APPLICATION NUMBER: 07/697,326
; FILING DATE: 8 May 1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Janiuk, Anthony J.
; REGISTRATION NUMBER: 29,809
; REFERENCE/DOCKET NUMBER: C0772/7000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 720-3500
; TELEFAX: (617) 720-2441
; TELEX: EZEKIEL
; INFORMATION FOR SEQ ID NO: 42:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 252 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: arg2
US-08-441-970-42

Query Match 100.0%; Score 20; DB 3; Length 252;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTCCGACCCCAACTACTC 20
Db 186 TTCCGACCCCAACTACTC 167

RESULT 166

US-08-441-970-43/c
; Sequence 43, Application US/08441970
; Patent No. 6297370
; GENERAL INFORMATION:
; APPLICANT: Tai-An Cha
; TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
; TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
; NUMBER OF SEQUENCES: 147
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
; STREET: 600 Atlantic Avenue
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA

ZIP: 02210
COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 5.25 inch
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS-DOS Version 3.3
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/441,970
; FILING DATE: 16-MAY-1995
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/881,528
; FILING DATE: 08-MAY-1992
; APPLICATION NUMBER: 07/697,326
; FILING DATE: 8 May 1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Janiuk, Anthony J.
; REGISTRATION NUMBER: 29,809
; REFERENCE/DOCKET NUMBER: C0772/7000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 720-3500
; TELEFAX: (617) 720-2441
; TELEX: EZEKIEL
; INFORMATION FOR SEQ ID NO: 43:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 252 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: sp1
US-08-441-970-43

Query Match 100.0%; Score 20; DB 3; Length 252;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 TTCCGACCCCAACTACTC 20
Db 186 TTCCGACCCCAACTACTC 167

RESULT 167

US-08-441-970-44/c
; Sequence 44, Application US/08441970
; Patent No. 6297370
; GENERAL INFORMATION:
; APPLICANT: Tai-An Cha
; TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
; TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
; NUMBER OF SEQUENCES: 147
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
; STREET: 600 Atlantic Avenue
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02210
COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 5.25 inch
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS-DOS Version 3.3
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/441,970
; FILING DATE: 16-MAY-1995
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/881,528
; FILING DATE: 08-MAY-1992
; APPLICATION NUMBER: 07/697,326
; FILING DATE: 8 May 1991

```
; ATTORNEY/AGENT INFORMATION:
; NAME: Janiuk, Anthony J.
; REGISTRATION NUMBER: 29,809
; REFERENCE/DOCKET NUMBER: C0772/7000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 720-3500
; TELEFAX: (617) 720-2441
; TELEX: EZEKIEL
; INFORMATION FOR SEQ ID NO: 44:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 252 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: ghl
; US-08-441-970-44

Query Match      100.0%; Score 20; DB 3; Length 252;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 TTTCGGACCCCAACTACTC 20
      |||||
DB      186 TTTCGGACCCCAACTACTC 167

RESULT 168
US-08-441-970-45/c
; Sequence 45, Application US/08441970
; Patent No. 6297370
; GENERAL INFORMATION:
; APPLICANT: Tai-An Cha
; TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
; TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
; NUMBER OF SEQUENCES: 147
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
; STREET: 600 Atlantic Avenue
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 5.25 inch
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS-DOS Version 3.3
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/441,970
; FILING DATE: 16-MAY-1995
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/881,528
; FILING DATE: 08-MAY-1992
; APPLICATION NUMBER: 07/697,326
; FILING DATE: 8 May 1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Janiuk, Anthony J.
; REGISTRATION NUMBER: 29,809
; REFERENCE/DOCKET NUMBER: C0772/7000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 720-3500
; TELEFAX: (617) 720-2441
; TELEX: EZEKIEL
; INFORMATION FOR SEQ ID NO: 45:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 252 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: ghl
; US-08-441-970-45
```

```
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: i15
; US-08-441-970-45

Query Match      100.0%; Score 20; DB 3; Length 252;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 TTTCGGACCCCAACTACTC 20
      |||||
DB      186 TTTCGGACCCCAACTACTC 167

RESULT 169
US-08-441-970-48/c
; Sequence 48, Application US/08441970
; Patent No. 6297370
; GENERAL INFORMATION:
; APPLICANT: Tai-An Cha
; TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
; TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
; NUMBER OF SEQUENCES: 147
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
; STREET: 600 Atlantic Avenue
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 5.25 inch
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS-DOS Version 3.3
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/441,970
; FILING DATE: 16-MAY-1995
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/881,528
; FILING DATE: 08-MAY-1992
; APPLICATION NUMBER: 07/697,326
; FILING DATE: 8 May 1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Janiuk, Anthony J.
; REGISTRATION NUMBER: 29,809
; REFERENCE/DOCKET NUMBER: C0772/7000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 720-3500
; TELEFAX: (617) 720-2441
; TELEX: EZEKIEL
; INFORMATION FOR SEQ ID NO: 48:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 252 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: s21
; US-08-441-970-48

Query Match      100.0%; Score 20; DB 3; Length 252;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 TTTCGGACCCCAACTACTC 20
      |||||
DB      186 TTTCGGACCCCAACTACTC 167

RESULT 170
US-08-441-970-49/c
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```
; Sequence 49, Application US/08441970
; Patent No. 6297370
; GENERAL INFORMATION:
; APPLICANT: Tai-An Cha
; TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
; DIAGNOSTICS AND THERAPEUTICS
; NUMBER OF SEQUENCES: 147
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
; STREET: 600 Atlantic Avenue
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 5.25 inch
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS-DOS Version 3.3
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/441,970
; FILING DATE: 16-MAY-1995
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/881,528
; FILING DATE: 08-MAY-1992
; APPLICATION NUMBER: 07/697,326
; FILING DATE: 8 May 1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Janiuk, Anthony J.
; REGISTRATION NUMBER: 29,809
; REFERENCE/DOCKET NUMBER: C0772/7000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 720-3500
; TELEFAX: (617) 720-2441
; TELEX: EZEKIEL
; INFORMATION FOR SEQ ID NO: 49:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 252 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: gj61329
; US-08-441-970-49

Query Match 100.0%; Score 20; DB 3; Length 252;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTCGGACCCCAACTACTC 20
Db 186 TTCGGACCCCAACTACTC 167

RESULT 171
US-08-483-695-1/c
; Sequence 1, Application US/08483695
; Patent No. 5866139
; GENERAL INFORMATION:
; APPLICANT: Brechot, Christian
; APPLICANT: Kremendorf, Dina
; APPLICANT: Porchon, Colette
; TITLE OF INVENTION: Nucleotide and Peptide Sequences of a
; Hepatitis C Virus Isolate, Diagnostic and Therapeutic
; TITLE OF INVENTION: Hepatitis C Virus Isolate, Diagnostic and Therapeutic
; NUMBER OF SEQUENCES: 46
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
; Dunner
; STREET: 1300 I Street, N.W.
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20005-3315
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/483,695
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
```



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; APPLICATION NUMBER: US/07/965,285
; FILING DATE: 18-MAR-1993
; APPLICATION NUMBER: FR 91 06 882
; FILING DATE: 06-JUN-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Meyers, Kenneth J.
; REGISTRATION NUMBER: 25,146
; REFERENCE/DOCKET NUMBER: 05286-0001-00000
; TELEPHONE: 202-408-4000
; TELEFAX: 202-408-4400
; INFORMATION FOR SEQ ID NO: 24:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 256 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other
; DESCRIPTION: cdna to genomic RNA
US-08-483-695-24

Query Match 100.0%; Score 20; DB 2; Length 256;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCACTACTC 20
Db 193 TTTCGGACCCCACTACTC 174

RESULT 173
US-08-483-695-25/c
; Sequence 25, Application US/08483695
; Patent No. 5866139
; GENERAL INFORMATION:
; APPLICANT: Brechot, Christian
; APPLICANT: Kremendorf, Dina
; APPLICANT: Porchon, Colette
; TITLE OF INVENTION: Nucleotide and Peptide Sequences of a
; TITLE OF INVENTION: Hepatitis C Virus Isolate, Diagnostic and Therapeutic
; NUMBER OF SEQUENCES: 46
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
; ADDRESSEE: Dunner
; STREET: 1300 I Street, N.W.
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20005-3315
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION NUMBER: US/08/483,695
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/965,285
; FILING DATE: 18-MAR-1993
; APPLICATION NUMBER: FR 91 06 882
; FILING DATE: 06-JUN-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Meyers, Kenneth J.
; REGISTRATION NUMBER: 25,146
; REFERENCE/DOCKET NUMBER: 05286-0001-00000
; TELEPHONE: 202-408-4000
; TELEFAX: 202-408-4400
; INFORMATION FOR SEQ ID NO: 25:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 256 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other
; DESCRIPTION: cdna to genomic RNA
US-08-483-695-25
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; LENGTH: 256 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other
; DESCRIPTION: cdna to genomic RNA
US-08-483-695-25

Query Match 100.0%; Score 20; DB 2; Length 256;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCACTACTC 20
Db 193 TTTCGGACCCCACTACTC 174

RESULT 174
US-08-483-695-26/c
; Sequence 26, Application US/08483695
; Patent No. 5866139
; GENERAL INFORMATION:
; APPLICANT: Brechot, Christian
; APPLICANT: Kremendorf, Dina
; APPLICANT: Porchon, Colette
; TITLE OF INVENTION: Nucleotide and Peptide Sequences of a
; TITLE OF INVENTION: Hepatitis C Virus Isolate, Diagnostic and Therapeutic
; NUMBER OF SEQUENCES: 46
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
; ADDRESSEE: Dunner
; STREET: 1300 I Street, N.W.
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20005-3315
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION NUMBER: US/08/483,695
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/965,285
; FILING DATE: 18-MAR-1993
; APPLICATION NUMBER: FR 91 06 882
; FILING DATE: 06-JUN-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Meyers, Kenneth J.
; REGISTRATION NUMBER: 25,146
; REFERENCE/DOCKET NUMBER: 05286-0001-00000
; TELEPHONE: 202-408-4000
; TELEFAX: 202-408-4400
; INFORMATION FOR SEQ ID NO: 26:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 256 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other
; DESCRIPTION: cdna to genomic RNA
US-08-483-695-26

Query Match 100.0%; Score 20; DB 2; Length 256;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCACTACTC 20
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Db      193 TTTCGGACCCCACTACTC 174
|||||
RESULT 175
US-07-965-285-1/c
; Sequence 1, Application US/07965285
; Patent No. 5879904
; GENERAL INFORMATION:
; APPLICANT: Brecht, Christian
; APPLICANT: Kremendorf, Dina
; APPLICANT: Porchon, Colette
; TITLE OF INVENTION: Nucleotide and Peptide Sequences of a
; TITLE OF INVENTION: Hepatitis C Virus Isolate, Diagnostic and Therapeutic
; TITLE OF INVENTION: Applications
; NUMBER OF SEQUENCES: 46
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
; ADDRESSEE: Dunner
; STREET: 1300 I Street, N.W.
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20005-3315
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/965,285
; FILING DATE: 18-MAR-1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: FR 91 06 882
; FILING DATE: 06-JUN-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Meyers, Kenneth J.
; REGISTRATION NUMBER: 25,146
; REFERENCE/DOCKET NUMBER: 05286-0001-00000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-408-4400
; TELEFAX: 202-408-4400
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 256 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other
; DESCRIPTION: CDNA to genomic RNA
US-07-965-285-1
Query Match 100.0%; Score 20; DB 2; Length 256;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy      1 TTTCGGACCCCACTACTC 20
|||||
Db      193 TTTCGGACCCCACTACTC 174
|||||
RESULT 176
US-07-965-285-24/c
; Sequence 24, Application US/07965285
; Patent No. 5879904
; GENERAL INFORMATION:
; APPLICANT: Brecht, Christian
; APPLICANT: Kremendorf, Dina
; APPLICANT: Porchon, Colette
; TITLE OF INVENTION: Nucleotide and Peptide Sequences of a
; TITLE OF INVENTION: Hepatitis C Virus Isolate, Diagnostic and Therapeutic
; TITLE OF INVENTION: Applications
; NUMBER OF SEQUENCES: 46
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
; ADDRESSEE: Dunner
; STREET: 1300 I Street, N.W.
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20005-3315
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/965,285
; FILING DATE: 18-MAR-1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: FR 91 06 882
; FILING DATE: 06-JUN-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Meyers, Kenneth J.
; REGISTRATION NUMBER: 25,146
; REFERENCE/DOCKET NUMBER: 05286-0001-00000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-408-4400
; TELEFAX: 202-408-4400
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 256 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other
; DESCRIPTION: CDNA to genomic RNA
US-07-965-285-1
Query Match 100.0%; Score 20; DB 2; Length 256;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy      1 TTTCGGACCCCACTACTC 20
|||||
Db      193 TTTCGGACCCCACTACTC 174
|||||
RESULT 177
US-07-965-285-25/c
; Sequence 25, Application US/07965285
; Patent No. 5879904
; GENERAL INFORMATION:
; APPLICANT: Brecht, Christian
; APPLICANT: Kremendorf, Dina
; APPLICANT: Porchon, Colette
; TITLE OF INVENTION: Nucleotide and Peptide Sequences of a
; TITLE OF INVENTION: Hepatitis C Virus Isolate, Diagnostic and Therapeutic
; TITLE OF INVENTION: Applications
; NUMBER OF SEQUENCES: 46
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
; ADDRESSEE: Dunner
; STREET: 1300 I Street, N.W.
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20005-3315
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/965,285
; FILING DATE: 18-MAR-1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: FR 91 06 882
; FILING DATE: 06-JUN-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Meyers, Kenneth J.
; REGISTRATION NUMBER: 25,146
; REFERENCE/DOCKET NUMBER: 05286-0001-00000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-408-4400
; TELEFAX: 202-408-4400
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 256 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other
; DESCRIPTION: CDNA to genomic RNA
US-07-965-285-24
Query Match 100.0%; Score 20; DB 2; Length 256;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy      1 TTTCGGACCCCACTACTC 20
|||||
Db      193 TTTCGGACCCCACTACTC 174
|||||
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/ APPLICATION NUMBER: US/07/965,285
/ FILING DATE: 18-MAR-1993
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: FR 91 06 882
/ FILING DATE: 06-JUN-1991
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Meyers, Kenneth J.
/ REGISTRATION NUMBER: 25,146
/ REFERENCE/DOCKET NUMBER: 05286-0001-00000
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 202-408-4400
/ TELEFAX: 202-408-4400
/ INFORMATION FOR SEQ ID NO: 25:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 256 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: Other
/ DESCRIPTION: CDNA to genomic RNA
US-07-965-285-25

Query Match      100.0%; Score 20; DB 2; Length 256;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 TTTCGGACCCACACTACTC 20
      |||||
DB      193 TTTCGGACCCACACTACTC 174

RESULT 179
US-08-487-231-1/c
/ Sequence 1, Application US/08487231
/ Patent No. 5919454
/ GENERAL INFORMATION:
/ APPLICANT: Brechot, Christian
/ APPLICANT: Kremendorf, Dina
/ APPLICANT: Porchon, Colette
/ TITLE OF INVENTION: Nucleotide and Peptide Sequences of a
/ TITLE OF INVENTION: Hepatitis C Virus Isolate, Diagnostic and Therapeutic
/ TITLE OF INVENTION: Applications
/ NUMBER OF SEQUENCES: 46
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
/ ADDRESSEE: Dunner
/ STREET: 1300 I Street, N.W.
/ CITY: Washington
/ STATE: DC
/ COUNTRY: USA
/ ZIP: 20005-3315
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/487,231
/ FILING DATE: 07-JUNE-1995
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 07/965,285
/ FILING DATE: 18-MAR-1993
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: FR 91 06 882
/ FILING DATE: 06-JUN-1991
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Meyers, Kenneth J.
/ REGISTRATION NUMBER: 25,146
/ REFERENCE/DOCKET NUMBER: 05286-0001-02000
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 202-408-4000
/ TELEFAX: 202-408-4400
/ INFORMATION FOR SEQ ID NO: 1:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 256 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: Other
/ DESCRIPTION: CDNA to genomic RNA
US-08-487-231-1

Query Match      100.0%; Score 20; DB 2; Length 256;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 TTTCGGACCCACACTACTC 20
      |||||
DB      193 TTTCGGACCCACACTACTC 174

RESULT 178
US-07-965-285-26/c
/ Sequence 26, Application US/07965285
/ Patent No. 5879904
/ GENERAL INFORMATION:
/ APPLICANT: Brechot, Christian
/ APPLICANT: Kremendorf, Dina
/ APPLICANT: Porchon, Colette
/ TITLE OF INVENTION: Nucleotide and Peptide Sequences of a
/ TITLE OF INVENTION: Hepatitis C Virus Isolate, Diagnostic and Therapeutic
/ TITLE OF INVENTION: Applications
/ NUMBER OF SEQUENCES: 46
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
/ ADDRESSEE: Dunner
/ STREET: 1300 I Street, N.W.
/ CITY: Washington
/ STATE: DC
/ COUNTRY: USA
/ ZIP: 20005-3315
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/07/965,285
/ FILING DATE: 18-MAR-1993
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: FR 91 06 882
/ FILING DATE: 06-JUN-1991
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Meyers, Kenneth J.
/ REGISTRATION NUMBER: 25,146
/ REFERENCE/DOCKET NUMBER: 05286-0001-00000
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 202-408-4000
/ TELEFAX: 202-408-4400
/ INFORMATION FOR SEQ ID NO: 26:
/ SEQUENCE CHARACTERISTICS:
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Qy 1 TTTCGGACCCCAACTACTC 20
|||||
Db 193 TTTCGGACCCCAACTACTC 174

RESULT 180

US-08-487-231-24/c
; Sequence 24, Application US/08487231
; Patent No. 5919454
; GENERAL INFORMATION:
; APPLICANT: Brechot, Christian
; APPLICANT: Kremendorf, Dina
; APPLICANT: Porchon, Colette
; TITLE OF INVENTION: Nucleotide and Peptide Sequences of a
; TITLE OF INVENTION: Hepatitis C Virus Isolate, Diagnostic and Therapeutic
; NUMBER OF SEQUENCES: 46
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
; ADDRESSEE: Dunner
; STREET: 1300 I Street, N.W.
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20005-3315
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/487,231
; FILING DATE: 07-JUNE-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/965,285
; FILING DATE: 18-MAR-1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: FR 91 06 882
; FILING DATE: 06-JUN-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Meyers, Kenneth J.
; REGISTRATION NUMBER: 25,146
; REFERENCE/DOCKET NUMBER: 05286-0001-02000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-408-4400
; TELEFAX: 202-408-4400
; INFORMATION FOR SEQ ID NO: 24:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 256 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other
; DESCRIPTION: CDNA to genomic RNA

US-08-487-231-24

Query Match 100.0%; Score 20; DB 2; Length 256;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 TTTCGGACCCCAACTACTC 20
|||||
Db 193 TTTCGGACCCCAACTACTC 174

RESULT 181

US-08-487-231-25/c
; Sequence 25, Application US/08487231
; Patent No. 5919454
; GENERAL INFORMATION:

; APPLICANT: Brechot, Christian
; APPLICANT: Kremendorf, Dina
; APPLICANT: Porchon, Colette
; TITLE OF INVENTION: Nucleotide and Peptide Sequences of a
; TITLE OF INVENTION: Hepatitis C Virus Isolate, Diagnostic and Therapeutic
; NUMBER OF SEQUENCES: 46
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
; ADDRESSEE: Dunner
; STREET: 1300 I Street, N.W.
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20005-3315
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/487,231
; FILING DATE: 07-JUNE-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/965,285
; FILING DATE: 18-MAR-1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: FR 91 06 882
; FILING DATE: 06-JUN-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Meyers, Kenneth J.
; REGISTRATION NUMBER: 25,146
; REFERENCE/DOCKET NUMBER: 05286-0001-02000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-408-4400
; TELEFAX: 202-408-4400
; INFORMATION FOR SEQ ID NO: 25:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 256 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other
; DESCRIPTION: CDNA to genomic RNA

US-08-487-231-25

Query Match 100.0%; Score 20; DB 2; Length 256;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCAACTACTC 20
|||||
Db 193 TTTCGGACCCCAACTACTC 174

RESULT 182

US-08-487-231-26/c
; Sequence 26, Application US/08487231
; Patent No. 5919454
; GENERAL INFORMATION:
; APPLICANT: Brechot, Christian
; APPLICANT: Kremendorf, Dina
; APPLICANT: Porchon, Colette
; TITLE OF INVENTION: Nucleotide and Peptide Sequences of a
; TITLE OF INVENTION: Hepatitis C Virus Isolate, Diagnostic and Therapeutic
; NUMBER OF SEQUENCES: 46
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
; ADDRESSEE: Dunner
; STREET: 1300 I Street, N.W.

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; CITY: Washington
; STATE: DC USA
; COUNTRY: USA
; ZIP: 20005-3315
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/487,231
; FILING DATE: 07-JUNE-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/965,285
; FILING DATE: 18-MAR-1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: FR 91 06 882
; FILING DATE: 06-JUN-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Meyers, Kenneth J.
; REGISTRATION NUMBER: 25,146
; REFERENCE/DOCKET NUMBER: 05286-0001-02000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-408-4000
; TELEFAX: 202-408-4400
; INFORMATION FOR SEQ ID NO: 26:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 256 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other
; DESCRIPTION: cdna to genomic RNA
; US-08-487-231-26

Query Match 100.0%; Score 20; DB 2; Length 256;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 1 TTCGCGACCCCAACTACTC 20
   |||||
Db 193 TTCGCGACCCCAACTACTC 174

RESULT 183
US-09-201-912-1/c
; Sequence 1, Application US/09201912
; Patent No. 6210962
; GENERAL INFORMATION:
; APPLICANT: Brechot, Christian
; APPLICANT: Kremendorf, Dina
; APPLICANT: Porchon, Colette
; TITLE OF INVENTION: Nucleotide and Peptide Sequences of a
; TITLE OF INVENTION: Hepatitis C Virus Isolate, Diagnostic and Therapeutic
; NUMBER OF SEQUENCES: 46
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
; ADDRESSEE: Dunner
; STREET: 1300 I Street, N.W.
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20005-3315
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/201,912
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; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/965,285
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Meyers, Kenneth J.
; REGISTRATION NUMBER: 25,146
; REFERENCE/DOCKET NUMBER: 05286-0001-00000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-408-4000
; TELEFAX: 202-408-4400
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 256 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other
; DESCRIPTION: cdna to genomic RNA
; US-09-201-912-1

Query Match 100.0%; Score 20; DB 3; Length 256;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 1 TTCGCGACCCCAACTACTC 20
   |||||
Db 193 TTCGCGACCCCAACTACTC 174

RESULT 184
US-09-201-912-24/c
; Sequence 24, Application US/09201912
; Patent No. 6210962
; GENERAL INFORMATION:
; APPLICANT: Brechot, Christian
; APPLICANT: Kremendorf, Dina
; APPLICANT: Porchon, Colette
; TITLE OF INVENTION: Nucleotide and Peptide Sequences of a
; TITLE OF INVENTION: Hepatitis C Virus Isolate, Diagnostic and Therapeutic
; NUMBER OF SEQUENCES: 46
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
; ADDRESSEE: Dunner
; STREET: 1300 I Street, N.W.
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20005-3315
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/201,912
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/965,285
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Meyers, Kenneth J.
; REGISTRATION NUMBER: 25,146
; REFERENCE/DOCKET NUMBER: 05286-0001-00000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-408-4000
; TELEFAX: 202-408-4400
; INFORMATION FOR SEQ ID NO: 24:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 256 base pairs
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; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other
; DESCRIPTION: cdna to genomic RNA
US-09-201-912-24

Query Match 100.0%; Score 20; DB 3; Length 256;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTCGCGACCCCAACTACTC 20
Db 193 TTCGCGACCCCAACTACTC 174

RESULT 185
US-09-201-912-25/c
; Sequence 25, Application US/09201912
; Patent No. 6210962
; GENERAL INFORMATION:
; APPLICANT: Brechot, Christian
; APPLICANT: Kremsdorf, Dina
; APPLICANT: Porchon, Colette
; TITLE OF INVENTION: Nucleotide and Peptide Sequences of a
; TITLE OF INVENTION: Hepatitis C Virus Isolate, Diagnostic and Therapeutic
; NUMBER OF SEQUENCES: 46
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
; ADDRESSEE: Dunner
; STREET: 1300 I Street, N.W.
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20005-3315
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/201,912
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; PRIOR APPLICATION NUMBER: 07/965,285
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Meyers, Kenneth J.
; REGISTRATION NUMBER: 25,146
; REFERENCE/DOCKET NUMBER: 05286-0001-00000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-408-4000
; TELEFAX: 202-408-4400
; INFORMATION FOR SEQ ID NO: 25:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 256 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other
; DESCRIPTION: cdna to genomic RNA
US-09-201-912-25

Query Match 100.0%; Score 20; DB 3; Length 256;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTCGCGACCCCAACTACTC 20
Db 193 TTCGCGACCCCAACTACTC 174

RESULT 186
US-09-201-912-26/c
; Sequence 26, Application US/09201912
; Patent No. 6210962
; GENERAL INFORMATION:
; APPLICANT: Brechot, Christian
; APPLICANT: Kremsdorf, Dina
; APPLICANT: Porchon, Colette
; TITLE OF INVENTION: Nucleotide and Peptide Sequences of a
; TITLE OF INVENTION: Hepatitis C Virus Isolate, Diagnostic and Therapeutic
; NUMBER OF SEQUENCES: 46
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
; ADDRESSEE: Dunner
; STREET: 1300 I Street, N.W.
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20005-3315
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/201,912
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; PRIOR APPLICATION NUMBER: 07/965,285
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Meyers, Kenneth J.
; REGISTRATION NUMBER: 25,146
; REFERENCE/DOCKET NUMBER: 05286-0001-00000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-408-4000
; TELEFAX: 202-408-4400
; INFORMATION FOR SEQ ID NO: 26:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 256 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other
; DESCRIPTION: cdna to genomic RNA
US-09-201-912-26

Query Match 100.0%; Score 20; DB 3; Length 256;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTCGCGACCCCAACTACTC 20
Db 193 TTCGCGACCCCAACTACTC 174

RESULT 187
US-09-899-082B-98/c
; Sequence 98, Application US/09899082B
; Patent No. 6891026
; GENERAL INFORMATION:
; APPLICANT: Innogenetics N.V.
; TITLE OF INVENTION: Process for typing of HCV isolates
; FILE REFERENCE: 2551-111
; CURRENT APPLICATION NUMBER: US/09/899,082B
; CURRENT FILING DATE: 2001-07-06
; PRIOR APPLICATION NUMBER: 09/378,900
; PRIOR FILING DATE: 1999-08-23
; PRIOR APPLICATION NUMBER: 09/044,665
; PRIOR FILING DATE: 1998-03-19
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; PRIOR APPLICATION NUMBER: 08/256,568
; PRIOR FILING DATE: 1994-07-18
; PRIOR APPLICATION NUMBER: PCT/EP93/03325
; PRIOR FILING DATE: 1993-11-26
; PRIOR APPLICATION NUMBER: EP92403222
; PRIOR FILING DATE: 1992-11-27
; PRIOR APPLICATION NUMBER: EP93402129
; PRIOR FILING DATE: 1993-08-31
; NUMBER OF SEQ ID NOS: 128
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 98
; LENGTH: 260
; TYPE: DNA
; ORGANISM: hepatitis C virus
US-09-899-082B-98

Query Match          100.0%; Score 20; DB 3; Length 260;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTTCGGACCCCACTACTC 20
Db 249 TTTCGGACCCCACTACTC 230

RESULT 188
US-09-899-082B-99/c
; Sequence 99, Application US/09899082B
; Patent No. 6891026
; GENERAL INFORMATION:
; APPLICANT: Innogenetics N.V.
; TITLE OF INVENTION: Process for typing of HCV isolates
; FILE REFERENCE: 2551-111
; CURRENT APPLICATION NUMBER: US/09/899,082B
; CURRENT FILING DATE: 2001-07-06
; PRIOR APPLICATION NUMBER: 09/378,900
; PRIOR FILING DATE: 1999-08-23
; PRIOR APPLICATION NUMBER: 09/044,665
; PRIOR FILING DATE: 1998-03-19
; PRIOR APPLICATION NUMBER: 08/256,568
; PRIOR FILING DATE: 1994-07-18
; PRIOR APPLICATION NUMBER: PCT/EP93/03325
; PRIOR FILING DATE: 1993-11-26
; PRIOR APPLICATION NUMBER: EP92403222
; PRIOR FILING DATE: 1992-11-27
; PRIOR APPLICATION NUMBER: EP93402129
; PRIOR FILING DATE: 1993-08-31
; NUMBER OF SEQ ID NOS: 128
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 99
; LENGTH: 260
; TYPE: DNA
; ORGANISM: hepatitis C virus
US-09-899-082B-99

Query Match          100.0%; Score 20; DB 3; Length 260;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTTCGGACCCCACTACTC 20
Db 249 TTTCGGACCCCACTACTC 230

RESULT 189
US-08-757-653-121/c
; Sequence 121, Application US/08757653
; Patent No. 5843669
; GENERAL INFORMATION:
; APPLICANT: Kaiser, Michael W.
; APPLICANT: Lyamichev, Victor I.
; APPLICANT: Lyamichev, Natasha
; TITLE OF INVENTION: Cleavage Of Nucleic Acid Using
; NUMBER OF SEQ ID NOS: 190
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 99
; LENGTH: 260
; TYPE: DNA
; ORGANISM: hepatitis C virus
US-08-757-653-121/c

Query Match          100.0%; Score 20; DB 3; Length 260;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTTCGGACCCCACTACTC 20
Db 249 TTTCGGACCCCACTACTC 230

RESULT 190
US-08-757-653-123/c
; Sequence 123, Application US/08757653
; Patent No. 5843669
; GENERAL INFORMATION:
; APPLICANT: Kaiser, Michael W.
; APPLICANT: Lyamichev, Victor I.
; APPLICANT: Lyamichev, Natasha
; TITLE OF INVENTION: Cleavage Of Nucleic Acid Using
; NUMBER OF SEQ ID NOS: 190
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 99
; LENGTH: 260
; TYPE: DNA
; ORGANISM: hepatitis C virus
US-08-757-653-123/c

Query Match          100.0%; Score 20; DB 2; Length 281;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTTCGGACCCCACTACTC 20
Db 218 TTTCGGACCCCACTACTC 199

TITLE OF INVENTION: Thermostable FEN-1 Endonucleases
NUMBER OF SEQUENCES: 190
CORRESPONDENCE ADDRESS:
ADDRESSEE: Medlen & Carroll, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
STATE: California
COUNTRY: United States Of America
ZIP: 94104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/757,653
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Ingolia, Diane E.
REGISTRATION NUMBER: 40,027
REFERENCE/DOCKET NUMBER: FORS-02565
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 121:
SEQUENCE CHARACTERISTICS:
LENGTH: 281 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-757-653-121
```

REFERENCE/DOCKET NUMBER: FORS-02565
TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 123:
SEQUENCE CHARACTERISTICS:
LENGTH: 281 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-757-653-123

Query Match 100.0%; Score 20; DB 2; Length 281;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTCGCGACCCCACTACTC 20
|||||
Db 218 TTCGCGACCCCACTACTC 199

RESULT 191
US-08-757-653-126/c
Sequence 126, Application US/08757653
Patent No. 5843669
GENERAL INFORMATION:
APPLICANT: Kaiser, Michael W.
APPLICANT: Lyamichev, Victor I.
APPLICANT: Lyamichev, Natasha
TITLE OF INVENTION: Cleavage Of Nucleic Acid Using
TITLE OF INVENTION: Thermostable FEN-1 Endonucleases
NUMBER OF SEQUENCES: 190
CORRESPONDENCE ADDRESS:
ADDRESSEE: Medlen & Carroll, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
STATE: California
COUNTRY: United States Of America
ZIP: 94104
COMPUTER READABLE FORM:
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/757,653
FILING DATE:

CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Ingolia, Diane E.
REGISTRATION NUMBER: 40,027
REFERENCE/DOCKET NUMBER: FORS-02565
TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 126:
SEQUENCE CHARACTERISTICS:
LENGTH: 281 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-757-653-126

Query Match 100.0%; Score 20; DB 2; Length 281;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTCGCGACCCCACTACTC 20
|||||
Db 218 TTCGCGACCCCACTACTC 199

RESULT 192
US-08-757-653-127
Sequence 127, Application US/08757653
Patent No. 5843669
GENERAL INFORMATION:
APPLICANT: Kaiser, Michael W.
APPLICANT: Lyamichev, Victor I.
APPLICANT: Lyamichev, Natasha
TITLE OF INVENTION: Cleavage Of Nucleic Acid Using
TITLE OF INVENTION: Thermostable FEN-1 Endonucleases
NUMBER OF SEQUENCES: 190
CORRESPONDENCE ADDRESS:
ADDRESSEE: Medlen & Carroll, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
STATE: California
COUNTRY: United States Of America
ZIP: 94104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/757,653
FILING DATE:

CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Ingolia, Diane E.
REGISTRATION NUMBER: 40,027
REFERENCE/DOCKET NUMBER: FORS-02565
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 127:
SEQUENCE CHARACTERISTICS:
LENGTH: 281 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-757-653-127

Query Match 100.0%; Score 20; DB 2; Length 281;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTCGCGACCCCACTACTC 20
|||||
Db 64 TTCGCGACCCCACTACTC 83

RESULT 193
US-08-757-653-128
Sequence 128, Application US/08757653
Patent No. 5843669
GENERAL INFORMATION:
APPLICANT: Kaiser, Michael W.
APPLICANT: Lyamichev, Victor I.
APPLICANT: Lyamichev, Natasha
TITLE OF INVENTION: Cleavage Of Nucleic Acid Using
TITLE OF INVENTION: Thermostable FEN-1 Endonucleases
NUMBER OF SEQUENCES: 190
CORRESPONDENCE ADDRESS:
ADDRESSEE: Medlen & Carroll, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
STATE: California
COUNTRY: United States Of America
ZIP: 94104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk


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;
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/757,653
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Ingolia, Diane E.
; REGISTRATION NUMBER: 40,027
; REFERENCE/DOCKET NUMBER: FORS-02565
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 128:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 281 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
;
US-08-757-653-128
;
Query Match 100.0%; Score 20; DB 2; Length 281;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTTCGGACCCCAACTACTC 20
Db 64 TTTCGGACCCCAACTACTC 83

RESULT 194
US-08-757-653-129
; Sequence 129, Application US/08757653
; Patent No. 5843669
; GENERAL INFORMATION:
; APPLICANT: Kaiser, Michael W.
; APPLICANT: Lyamichev, Victor I.
; APPLICANT: Lyamichev, Natasha
; TITLE OF INVENTION: Cleavage Of Nucleic Acid Using
; TITLE OF INVENTION: Thermostable FEN-1 Endonucleases
; NUMBER OF SEQUENCES: 190
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Medlen & Carroll, LLP
; STREET: 220 Montgomery Street, Suite 2200
; CITY: San Francisco
; STATE: California
; COUNTRY: United States Of America
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/757,653
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Ingolia, Diane E.
; REGISTRATION NUMBER: 40,027
; REFERENCE/DOCKET NUMBER: FORS-02565
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 129:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 281 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
;
US-08-757-653-129
;
Query Match 100.0%; Score 20; DB 2; Length 281;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTTCGGACCCCAACTACTC 20
Db 64 TTTCGGACCCCAACTACTC 83

RESULT 196
US-08-757-653-132
; Sequence 132, Application US/08757653
; Patent No. 5843669
; GENERAL INFORMATION:
; APPLICANT: Kaiser, Michael W.
; APPLICANT: Lyamichev, Victor I.
; APPLICANT: Lyamichev, Natasha
; TITLE OF INVENTION: Cleavage Of Nucleic Acid Using
; TITLE OF INVENTION: Thermostable FEN-1 Endonucleases
; NUMBER OF SEQUENCES: 190
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Medlen & Carroll, LLP
; STREET: 220 Montgomery Street, Suite 2200
; CITY: San Francisco
; STATE: California
; COUNTRY: United States Of America
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/757,653
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Ingolia, Diane E.
; REGISTRATION NUMBER: 40,027
; REFERENCE/DOCKET NUMBER: FORS-02565
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 132:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 281 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
;
US-08-757-653-132
;
Query Match 100.0%; Score 20; DB 2; Length 281;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTTCGGACCCCAACTACTC 20
Db 64 TTTCGGACCCCAACTACTC 83

RESULT 196
US-08-520-946-121/c
; Sequence 121, Application US/08520946
; Patent No. 6372424
; GENERAL INFORMATION:
; APPLICANT: BROW, MARY ANN D.
; APPLICANT: LYAMICHEV, VICTOR I.
; APPLICANT: OLIVE, DAVID M.
; TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF
; TITLE OF INVENTION: PATHOGENS
;
US-08-520-946-121/c
;
Query Match 100.0%; Score 20; DB 2; Length 281;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTTCGGACCCCAACTACTC 20
Db 64 TTTCGGACCCCAACTACTC 83
```

```

US-08-757-653-129
;
Query Match 100.0%; Score 20; DB 2; Length 281;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTTCGGACCCCAACTACTC 20
Db 64 TTTCGGACCCCAACTACTC 83

RESULT 195
US-08-757-653-132
; Sequence 132, Application US/08757653
; Patent No. 5843669
; GENERAL INFORMATION:
; APPLICANT: Kaiser, Michael W.
; APPLICANT: Lyamichev, Victor I.
; APPLICANT: Lyamichev, Natasha
; TITLE OF INVENTION: Cleavage Of Nucleic Acid Using
; TITLE OF INVENTION: Thermostable FEN-1 Endonucleases
; NUMBER OF SEQUENCES: 190
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Medlen & Carroll, LLP
; STREET: 220 Montgomery Street, Suite 2200
; CITY: San Francisco
; STATE: California
; COUNTRY: United States Of America
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/757,653
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Ingolia, Diane E.
; REGISTRATION NUMBER: 40,027
; REFERENCE/DOCKET NUMBER: FORS-02565
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 132:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 281 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
;
US-08-757-653-132
;
Query Match 100.0%; Score 20; DB 2; Length 281;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTTCGGACCCCAACTACTC 20
Db 64 TTTCGGACCCCAACTACTC 83

RESULT 196
US-08-520-946-121/c
; Sequence 121, Application US/08520946
; Patent No. 6372424
; GENERAL INFORMATION:
; APPLICANT: BROW, MARY ANN D.
; APPLICANT: LYAMICHEV, VICTOR I.
; APPLICANT: OLIVE, DAVID M.
; TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF
; TITLE OF INVENTION: PATHOGENS
;
US-08-520-946-121/c
;
Query Match 100.0%; Score 20; DB 2; Length 281;
Best Local Similarity 100.0%; Pred. No. 0.0033;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTTCGGACCCCAACTACTC 20
Db 64 TTTCGGACCCCAACTACTC 83
```

```

; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 123:
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; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
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Matches 20; Conservative 0; Mismatches 0; Indels

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; Patent No. 6372424
; GENERAL INFORMATION:
; APPLICANT: BROW, MARY ANN D.
; APPLICANT: LYAMICHEV, VICTOR I.
; TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF
; TITLE OF INVENTION: PATHOGENS
; NUMBER OF SEQUENCES: 160
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL
; STREET: 220 MONTGOMERY STREET, SUITE 2200
; CITY: SAN FRANCISCO
; STATE: CALIFORNIA
; COUNTRY: UNITED STATES OF AMERICA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
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; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/520,946
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: CARROLL, PETER G.
; REGISTRATION NUMBER: 32,837
; REFERENCE/DOCKET NUMBER: FORS-01756
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 126:
; SEQUENCE CHARACTERISTICS:
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; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
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; Patent No. 6372424
; GENERAL INFORMATION:
; APPLICANT: BROW, MARY ANN D.
; APPLICANT: LYAMICHEV, VICTOR I.
; APPLICANT: OLIVE, DAVID M.
; TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF
; TITLE OF INVENTION: PATHOGENS
; NUMBER OF SEQUENCES: 160
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL
; STREET: 220 MONTGOMERY STREET, SUITE 2200
; CITY: SAN FRANCISCO
; STATE: CALIFORNIA
; COUNTRY: UNITED STATES OF AMERICA
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; APPLICATION NUMBER: US/08/520,946
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: CARROLL, PETER G.
; REGISTRATION NUMBER: 32,837
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; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 127:
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; APPLICANT: BROW, MARY ANN D.
; APPLICANT: LYAMICHEV, VICTOR I.
; APPLICANT: OLIVE, DAVID M.
; TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF
; TITLE OF INVENTION: PATHOGENS
; NUMBER OF SEQUENCES: 160
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL
; STREET: 220 MONTGOMERY STREET, SUITE 2200
; CITY: SAN FRANCISCO
; STATE: CALIFORNIA
; COUNTRY: UNITED STATES OF AMERICA
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; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/520,946
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: CARROLL, PETER G.
; REGISTRATION NUMBER: 32,837
; REFERENCE/DOCKET NUMBER: FORS-01756
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
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GenCore version 5.1.7
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OM nucleic - nucleic search, using sw model

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(without alignments)
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Title: US-08-887-505B-28

Perfect score:

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Searched: 9793542 seqs, 4134689005 residues

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C 251	20	100.0	9416	3	US-10-475-026-17	Sequence 17, Appl	C 324	19	95.0	177	3	US-09-899-082A-74	Sequence 74, Appl
C 252	20	100.0	9416	3	US-09-238-076-19	Sequence 19, Appl	C 325	19	95.0	177	3	US-09-899-082A-75	Sequence 75, Appl
C 253	20	100.0	9416	3	US-09-929-955-13	Sequence 13, Appl	C 326	19	95.0	177	3	US-09-899-082A-76	Sequence 76, Appl
C 254	20	100.0	9416	3	US-09-995-937-19	Sequence 19, Appl	C 327	19	95.0	177	3	US-09-899-082A-77	Sequence 77, Appl
C 255	20	100.0	9416	3	US-09-917-563-19	Sequence 19, Appl	C 328	19	95.0	177	3	US-09-899-082A-78	Sequence 78, Appl
C 256	20	100.0	9416	5	US-10-104-966-13	Sequence 13, Appl	C 329	19	95.0	177	3	US-09-899-082A-79	Sequence 79, Appl
C 257	20	100.0	9416	7	US-10-719-619-13	Sequence 13, Appl	C 330	19	95.0	177	3	US-09-899-082A-80	Sequence 80, Appl
C 258	20	100.0	9416	8	US-10-817-591-13	Sequence 13, Appl	C 331	19	95.0	177	3	US-09-899-302-57	Sequence 57, Appl
C 259	20	100.0	9599	7	US-10-189-359-13	Sequence 13, Appl	C 332	19	95.0	177	3	US-09-899-302-58	Sequence 58, Appl
C 260	20	100.0	9605	7	US-10-467-000-2	Sequence 2, Appli	C 333	19	95.0	177	3	US-09-899-302-61	Sequence 61, Appl
C 261	20	100.0	9609	7	US-10-333-449A-33	Sequence 33, Appl	C 334	19	95.0	177	3	US-09-899-302-62	Sequence 62, Appl
C 262	20	100.0	9622	7	US-10-475-989-2	Sequence 2, Appli	C 335	19	95.0	177	3	US-09-899-302-65	Sequence 65, Appl
C 263	20	100.0	9646	3	US-09-742-659-3	Sequence 3, Appli	C 336	19	95.0	177	3	US-09-899-302-66	Sequence 66, Appl
C 264	20	100.0	9646	3	US-09-238-076-1	Sequence 1, Appli	C 337	19	95.0	177	3	US-09-899-302-67	Sequence 67, Appl
C 265	20	100.0	9646	3	US-09-995-937-1	Sequence 1, Appli	C 338	19	95.0	177	3	US-09-899-302-68	Sequence 68, Appl
C 266	20	100.0	9646	3	US-09-917-563-1	Sequence 1, Appli	C 339	19	95.0	177	3	US-09-899-302-69	Sequence 69, Appl
C 267	20	100.0	10690	5	US-10-125-940-1	Sequence 1, Appli	C 340	19	95.0	177	3	US-09-899-302-70	Sequence 70, Appl
C 268	20	100.0	10690	6	US-10-125-920-1	Sequence 1, Appli	C 341	19	95.0	177	3	US-09-899-302-72	Sequence 72, Appl
C 269	20	100.0	10890	7	US-10-467-000-3	Sequence 3, Appli	C 342	19	95.0	177	3	US-09-899-302-73	Sequence 73, Appl
C 270	20	100.0	10893	3	US-09-747-419-17	Sequence 17, Appl	C 343	19	95.0	177	3	US-09-899-302-74	Sequence 74, Appl
C 271	20	100.0	10893	6	US-10-259-275-17	Sequence 17, Appl	C 344	19	95.0	177	3	US-09-899-302-75	Sequence 75, Appl
C 272	20	100.0	10893	10	US-11-006-313-17	Sequence 17, Appl	C 345	19	95.0	177	3	US-09-899-302-76	Sequence 76, Appl
C 273	20	100.0	12305	8	US-10-422-323A-2	Sequence 2, Appli	C 346	19	95.0	177	3	US-09-899-302-77	Sequence 77, Appl
C 274	20	100.0	12315	8	US-10-422-323A-1	Sequence 1, Appli	C 347	19	95.0	177	3	US-09-899-302-78	Sequence 78, Appl
C 275	20	100.0	12880	3	US-09-238-076-5	Sequence 5, Appli	C 348	19	95.0	177	3	US-09-899-302-79	Sequence 79, Appl
C 276	20	100.0	12880	3	US-09-995-937-5	Sequence 5, Appli	C 349	19	95.0	177	3	US-09-899-302-80	Sequence 80, Appl
C 277	20	100.0	12980	3	US-09-917-563-5	Sequence 5, Appli	C 350	19	95.0	177	3	US-09-899-044-57	Sequence 57, Appl
C 278	19	95.0	19	2	US-08-887-505-111	Sequence 111, App	C 351	19	95.0	177	3	US-09-899-044-58	Sequence 58, Appl
C 279	19	95.0	19	2	US-08-887-505-114	Sequence 114, App	C 352	19	95.0	177	3	US-09-899-044-61	Sequence 61, Appl
C 280	19	95.0	19	3	US-09-930-781-2	Sequence 2, Appli	C 353	19	95.0	177	3	US-09-899-044-62	Sequence 62, Appl
C 281	19	95.0	19	6	US-10-255-393-2	Sequence 2, Appli	C 354	19	95.0	177	3	US-09-899-044-65	Sequence 65, Appl
C 282	19	95.0	19	8	US-10-667-271-158	Sequence 158, App	C 355	19	95.0	177	3	US-09-899-044-66	Sequence 66, Appl
C 283	19	95.0	19	8	US-10-667-271-166	Sequence 166, App	C 356	19	95.0	177	3	US-09-899-044-67	Sequence 67, Appl
C 284	19	95.0	19	8	US-10-667-271-854	Sequence 854, App	C 357	19	95.0	177	3	US-09-899-044-68	Sequence 68, Appl
C 285	19	95.0	19	8	US-10-667-271-862	Sequence 862, App	C 358	19	95.0	177	3	US-09-899-044-69	Sequence 69, Appl
C 286	19	95.0	19	8	US-10-819-564-2	Sequence 2, Appli	C 359	19	95.0	177	3	US-09-899-044-70	Sequence 70, Appl
C 287	19	95.0	19	9	US-10-942-560-158	Sequence 158, App	C 360	19	95.0	177	3	US-09-899-044-72	Sequence 72, Appl
C 288	19	95.0	19	9	US-10-942-560-166	Sequence 166, App	C 361	19	95.0	177	3	US-09-899-044-73	Sequence 73, Appl
C 289	19	95.0	19	9	US-10-942-560-854	Sequence 854, App	C 362	19	95.0	177	3	US-09-899-044-74	Sequence 74, Appl
C 290	19	95.0	19	9	US-10-942-560-862	Sequence 862, App	C 363	19	95.0	177	3	US-09-899-044-75	Sequence 75, Appl
C 291	19	95.0	40	7	US-10-318-416B-25	Sequence 25, Appli	C 364	19	95.0	177	3	US-09-899-044-76	Sequence 76, Appl
C 292	19	95.0	177	3	US-09-294-121A-57	Sequence 57, Appl	C 365	19	95.0	177	3	US-09-899-044-78	Sequence 78, Appl
C 293	19	95.0	177	3	US-09-294-121A-61	Sequence 61, Appl	C 366	19	95.0	177	3	US-09-899-044-79	Sequence 79, Appl
C 294	19	95.0	177	3	US-09-294-121A-62	Sequence 62, Appl	C 367	19	95.0	177	3	US-09-899-044-80	Sequence 80, Appl
C 295	19	95.0	177	3	US-09-294-121A-65	Sequence 65, Appl	C 368	19	95.0	177	8	US-10-822-711-57	Sequence 57, Appl
C 296	19	95.0	177	3	US-09-294-121A-66	Sequence 66, Appl	C 369	19	95.0	177	8	US-10-822-711-58	Sequence 58, Appl
C 297	19	95.0	177	3	US-09-294-121A-67	Sequence 67, Appl	C 370	19	95.0	177	8	US-10-822-711-61	Sequence 61, Appl
C 298	19	95.0	177	3	US-09-294-121A-68	Sequence 68, Appl	C 371	19	95.0	177	8	US-10-822-711-62	Sequence 62, Appl
C 299	19	95.0	177	3	US-09-294-121A-69	Sequence 69, Appl	C 372	19	95.0	177	8	US-10-822-711-65	Sequence 65, Appl
C 300	19	95.0	177	3	US-09-294-121A-70	Sequence 70, Appl	C 373	19	95.0	177	8	US-10-822-711-66	Sequence 66, Appl
C 301	19	95.0	177	3	US-09-294-121A-72	Sequence 72, Appl	C 374	19	95.0	177	8	US-10-822-711-67	Sequence 67, Appl
C 302	19	95.0	177	3	US-09-294-121A-73	Sequence 73, Appl	C 375	19	95.0	177	8	US-10-822-711-68	Sequence 68, Appl
C 303	19	95.0	177	3	US-09-294-121A-74	Sequence 74, Appl	C 376	19	95.0	177	8	US-10-822-711-69	Sequence 69, Appl
C 304	19	95.0	177	3	US-09-294-121A-75	Sequence 75, Appl	C 377	19	95.0	177	8	US-10-822-711-70	Sequence 70, Appl
C 305	19	95.0	177	3	US-09-294-121A-76	Sequence 76, Appl	C 378	19	95.0	177	8	US-10-822-711-72	Sequence 72, Appl
C 306	19	95.0	177	3	US-09-294-121A-77	Sequence 77, Appl	C 379	19	95.0	177	8	US-10-822-711-73	Sequence 73, Appl
C 307	19	95.0	177	3	US-09-294-121A-78	Sequence 78, Appl	C 380	19	95.0	177	8	US-10-822-711-74	Sequence 74, Appl
C 308	19	95.0	177	3	US-09-294-121A-79	Sequence 79, Appl	C 381	19	95.0	177	8	US-10-822-711-75	Sequence 75, Appl
C 309	19	95.0	177	3	US-09-294-121A-80	Sequence 80, Appl	C 382	19	95.0	177	8	US-10-822-711-76	Sequence 76, Appl
C 310	19	95.0	177	3	US-09-899-082A-57	Sequence 57, Appl	C 383	19	95.0	177	8	US-10-822-711-77	Sequence 77, Appl
C 311	19	95.0	177	3	US-09-899-082A-58	Sequence 58, Appl	C 384	19	95.0	177	8	US-10-822-711-78	Sequence 78, Appl
C 312	19	95.0	177	3	US-09-899-082A-61	Sequence 61, Appl	C 385	19	95.0	177	8	US-10-822-711-79	Sequence 79, Appl
C 313	19	95.0	177	3	US-09-899-082A-62	Sequence 62, Appl	C 386	19	95.0	177	8	US-10-822-711-80	Sequence 80, Appl
C 314	19	95.0	177	3	US-09-899-082A-65	Sequence 65, Appl	C 387	19	95.0	178	3	US-09-294-121A-59	Sequence 59, Appl
C 315	19	95.0	177	3	US-09-899-082A-65	Sequence 65, Appl	C 388	19	95.0	178	3	US-09-294-121A-59	Sequence 60, Appl

C 389	19	95.0	178	3	US-09-294-121A-71	Sequence 71, Appl	C 462	15	75.0	15	3	US-09-504-231A-39	Sequence 39, Appl
C 390	19	95.0	178	3	US-09-294-121A-81	Sequence 81, Appl	C 463	15	75.0	15	3	US-09-274-553D-39	Sequence 39, Appl
C 391	19	95.0	178	3	US-09-899-082A-59	Sequence 59, Appl	C 464	15	75.0	15	3	US-09-740-332-4584	Sequence 4584, Ap
C 392	19	95.0	178	3	US-09-899-082A-60	Sequence 60, Appl	C 465	15	75.0	15	3	US-09-740-332-4586	Sequence 4586, Ap
C 393	19	95.0	178	3	US-09-899-082A-71	Sequence 71, Appl	C 466	15	75.0	15	3	US-09-817-879-4584	Sequence 4584, Ap
C 394	19	95.0	178	3	US-09-899-082A-81	Sequence 81, Appl	C 467	15	75.0	15	3	US-09-817-879-4586	Sequence 4586, Ap
C 395	19	95.0	178	3	US-09-899-302-59	Sequence 59, Appl	C 468	15	75.0	15	3	US-10-669-841-7177	Sequence 7177, Ap
C 396	19	95.0	178	3	US-09-899-302-60	Sequence 60, Appl	C 469	15	75.0	15	7	US-10-669-841-7179	Sequence 7179, Ap
C 397	19	95.0	178	3	US-09-899-302-71	Sequence 71, Appl	C 470	15	75.0	15	3	US-09-825-805-14	Sequence 14, Appl
C 398	19	95.0	178	3	US-09-899-302-81	Sequence 81, Appl	C 471	15	75.0	17	3	US-09-740-332-4497	Sequence 4497, Ap
C 399	19	95.0	178	3	US-09-899-044-59	Sequence 59, Appl	C 472	15	75.0	17	3	US-09-740-332-4499	Sequence 4499, Ap
C 400	19	95.0	178	3	US-09-899-044-60	Sequence 60, Appl	C 473	15	75.0	17	3	US-09-817-879-4497	Sequence 4497, Ap
C 401	19	95.0	178	3	US-09-899-044-71	Sequence 71, Appl	C 474	15	75.0	17	3	US-09-817-879-4499	Sequence 4499, Ap
C 402	19	95.0	178	3	US-09-899-044-81	Sequence 81, Appl	C 475	15	75.0	17	7	US-10-669-841-7090	Sequence 7090, Ap
C 403	19	95.0	178	3	US-10-822-711-59	Sequence 59, Appl	C 476	15	75.0	17	7	US-10-669-841-7092	Sequence 7092, Ap
C 404	19	95.0	178	8	US-10-822-711-60	Sequence 60, Appl	C 477	15	75.0	19	8	US-10-667-271-154	Sequence 154, App
C 405	19	95.0	178	8	US-10-822-711-71	Sequence 71, Appl	C 478	15	75.0	19	8	US-10-667-271-170	Sequence 170, App
C 406	19	95.0	178	8	US-10-822-711-81	Sequence 81, Appl	C 479	15	75.0	19	8	US-10-667-271-850	Sequence 850, App
C 407	18	90.0	18	2	US-08-887-505-112	Sequence 112, App	C 480	15	75.0	19	8	US-10-667-271-866	Sequence 866, App
C 408	18	90.0	18	2	US-08-887-505-115	Sequence 115, App	C 481	15	75.0	19	9	US-10-942-560-154	Sequence 154, App
C 409	18	90.0	19	8	US-10-667-271-150	Sequence 150, App	C 482	15	75.0	19	9	US-10-942-560-170	Sequence 170, App
C 410	18	90.0	19	8	US-10-667-271-151	Sequence 151, App	C 483	15	75.0	19	9	US-10-942-560-850	Sequence 850, App
C 411	18	90.0	19	8	US-10-667-271-846	Sequence 846, App	C 484	15	75.0	19	9	US-10-942-560-866	Sequence 866, App
C 412	18	90.0	19	8	US-10-667-271-847	Sequence 847, App	C 485	15	75.0	20	3	US-09-935-338-290	Sequence 290, App
C 413	18	90.0	19	9	US-10-942-560-150	Sequence 150, App	C 486	15	75.0	20	9	US-10-929-759-290	Sequence 290, App
C 414	18	90.0	19	9	US-10-942-560-151	Sequence 151, App	C 487	15	75.0	20	9	US-10-973-919-290	Sequence 290, App
C 415	18	90.0	19	9	US-10-942-560-846	Sequence 846, App	C 488	15	75.0	25	5	US-10-098-263B-54576	Sequence 54576, A
C 416	18	90.0	19	9	US-10-942-560-847	Sequence 847, App	C 489	15	75.0	25	10	US-11-036-317-728914	Sequence 728914, A
C 417	18	90.0	20	2	US-08-887-505-27	Sequence 27, Appl	C 490	15	75.0	45	3	US-09-728-265-23	Sequence 23, Appl
C 418	18	90.0	20	2	US-08-887-505-29	Sequence 29, Appl	C 491	15	75.0	45	3	US-09-728-261A-23	Sequence 23, Appl
C 419	18	90.0	20	3	US-09-888-164-9	Sequence 9, Appl	C 492	15	75.0	45	6	US-10-309-438-23	Sequence 23, Appl
C 420	18	90.0	20	7	US-10-318-416B-20	Sequence 20, Appl	C 493	15	75.0	45	7	US-10-719-480-23	Sequence 23, Appl
C 421	18	90.0	25	7	US-10-318-416B-8	Sequence 8, Appl	C 494	15	75.0	267	9	US-10-363-177A-69	Sequence 69, Appl
C 422	18	90.0	39	3	US-09-979-999-9	Sequence 9, Appl	C 495	15	75.0	599	9	US-10-972-079-36140	Sequence 96140, A
C 423	18	90.0	39	3	US-09-979-999-9	Sequence 9, Appl	C 496	15	75.0	600	9	US-10-972-079-36141	Sequence 96141, A
C 424	17	85.0	17	2	US-08-887-505-113	Sequence 113, App	C 497	15	75.0	639	8	US-10-425-115-129831	Sequence 129831, A
C 425	17	85.0	17	2	US-08-887-505-116	Sequence 116, App	C 498	15	75.0	695	9	US-10-472-157-5	Sequence 5, Appl
C 426	17	85.0	17	3	US-09-740-332-4498	Sequence 4498, Ap	C 499	15	75.0	2445	7	US-10-425-114-25176	Sequence 25176, A
C 427	17	85.0	17	3	US-09-817-879-4498	Sequence 4498, Ap	C 500	15	75.0	3177	8	US-10-425-115-49248	Sequence 49248, A
C 428	17	85.0	17	7	US-10-669-841-7091	Sequence 7091, Ap	C 501	14	70.0	15	3	US-09-504-231A-1546	Sequence 1546, Ap
C 429	17	85.0	19	8	US-10-667-271-153	Sequence 153, App	C 502	14	70.0	15	3	US-09-274-553D-1546	Sequence 1546, Ap
C 430	17	85.0	19	8	US-10-667-271-156	Sequence 156, App	C 503	14	70.0	16	3	US-09-825-805-15	Sequence 15, Appl
C 431	17	85.0	19	8	US-10-667-271-849	Sequence 849, App	C 504	14	70.0	17	3	US-09-740-332-56	Sequence 56, Appl
C 432	17	85.0	19	8	US-10-667-271-852	Sequence 852, App	C 505	14	70.0	17	3	US-09-817-879-56	Sequence 56, Appl
C 433	17	85.0	19	9	US-10-942-560-153	Sequence 153, App	C 506	14	70.0	17	6	US-10-150-779A-7	Sequence 7, Appl
C 434	17	85.0	19	9	US-10-942-560-156	Sequence 156, App	C 507	14	70.0	17	6	US-10-080-979-57	Sequence 67, Appl
C 435	17	85.0	19	9	US-10-942-560-849	Sequence 849, App	C 508	14	70.0	17	7	US-10-669-841-2649	Sequence 2649, Ap
C 436	17	85.0	19	9	US-10-942-560-852	Sequence 852, App	C 509	14	70.0	19	8	US-10-667-271-161	Sequence 161, App
C 437	17	85.0	20	2	US-08-887-505-117	Sequence 117, App	C 510	14	70.0	19	8	US-10-667-271-177	Sequence 177, App
C 438	17	85.0	177	6	US-10-396-964-18	Sequence 76, Appl	C 511	14	70.0	19	8	US-10-667-271-857	Sequence 857, App
C 439	16	80.0	16	2	US-08-887-505-76	Sequence 76, Appl	C 512	14	70.0	19	8	US-10-667-271-873	Sequence 873, App
C 440	16	80.0	17	3	US-09-740-332-57	Sequence 57, Appl	C 513	14	70.0	19	9	US-10-942-560-161	Sequence 161, App
C 441	16	80.0	17	3	US-09-740-332-58	Sequence 58, Appl	C 514	14	70.0	19	9	US-10-942-560-177	Sequence 177, App
C 442	16	80.0	17	3	US-09-817-879-57	Sequence 57, Appl	C 515	14	70.0	19	9	US-10-942-560-857	Sequence 857, App
C 443	16	80.0	17	3	US-09-817-879-58	Sequence 58, Appl	C 516	14	70.0	19	9	US-10-942-560-873	Sequence 873, App
C 444	16	80.0	17	7	US-10-669-841-2650	Sequence 2650, Ap	C 517	14	70.0	20	2	US-08-887-505-25	Sequence 25, Appl
C 445	16	80.0	17	7	US-10-669-841-2651	Sequence 2651, Ap	C 518	14	70.0	20	2	US-08-887-505-31	Sequence 31, Appl
C 446	16	80.0	19	8	US-10-667-271-146	Sequence 146, App	C 519	14	70.0	23	3	US-10-318-416B-29	Sequence 29, Appl
C 447	16	80.0	19	8	US-10-667-271-164	Sequence 164, App	C 520	14	70.0	31	8	US-10-782-646-6	Sequence 6, Appl
C 448	16	80.0	19	8	US-10-667-271-842	Sequence 842, App	C 521	14	70.0	31	8	US-10-782-646-7	Sequence 7, Appl
C 449	16	80.0	19	8	US-10-667-271-860	Sequence 860, App	C 522	14	70.0	317	9	US-10-651-991-259	Sequence 259, App
C 450	16	80.0	19	9	US-10-942-560-146	Sequence 146, App	C 523	14	70.0	431	7	US-10-424-599-126266	Sequence 126266, A
C 451	16	80.0	19	9	US-10-942-560-164	Sequence 164, App	C 524	14	70.0	454	8	US-10-425-115-12339	Sequence 12339, A
C 452	16	80.0	19	9	US-10-942-560-842	Sequence 842, App	C 525	14	70.0	482	7	US-10-424-599-115670	Sequence 115670, A
C 453	16	80.0	19	9	US-10-942-560-860	Sequence 860, App	C 526	14	70.0	486	5	US-10-027-632-177422	Sequence 177422, A
C 454	16	80.0	20	2	US-08-887-505-26	Sequence 26, Appl	C 527	14	70.0	486	6	US-10-027-632-177422	Sequence 177422, A
C 455	16	80.0	20	2	US-08-887-505-30	Sequence 30, Appl	C 528	14	70.0	592	8	US-10-425-115-100618	Sequence 100618, A
C 456	16	80.0	20	3	US-09-888-164-11	Sequence 11, Appl	C 529	14	70.0	641	4	US-09-925-065A-913908	Sequence 913908, A
C 457	16	80.0	20	6	US-10-080-979-13	Sequence 13, Appl	C 530	14	70.0	646	4	US-09-925-065A-891128	Sequence 891128, A
C 458	16	80.0	20	6	US-10-443-844-1	Sequence 1, Appl	C 531	14	70.0	646	4	US-09-925-065A-891130	Sequence 891130, A
C 459	16	80.0	20	7	US-10-780-439-13	Sequence 13, Appl	C 532	14	70.0	646	4	US-09-925-065A-914246	Sequence 914246, A
C 460	16	80.0	25	2	US-08-887-505-133	Sequence 133, App	C 533	14	70.0	765	8	US-10-425-115-108563	Sequence 108563, A
C 461	16	80.0	151	4	US-09-925-065A-537858	Sequence 537858, A	C 534	14	70.0	924	7	US-10-282-122A-34798	Sequence 34798, A

C 535	14	70.0	930	7	US-10-724-972A-2100	Sequence 2100, Ap	608	13	65.0	248	8	US-10-357-930-35571	Sequence 35571, A
C 536	14	70.0	1634	8	US-10-363-345A-35713	Sequence 35713, A	609	13	65.0	248	8	US-10-357-930-44380	Sequence 44380, A
C 537	14	70.0	1634	8	US-10-363-345A-35714	Sequence 35714, A	610	13	65.0	314	5	US-10-040-739-988	Sequence 988, App
C 538	14	70.0	1634	9	US-10-363-483A-35713	Sequence 35713, A	611	13	65.0	317	7	US-10-424-599-102656	Sequence 102656, A
C 539	14	70.0	1634	9	US-10-363-483A-35714	Sequence 35714, A	612	13	65.0	325	8	US-10-425-115-79565	Sequence 79565, A
C 540	14	70.0	2000	3	US-09-938-842A-4582	Sequence 4582, Ap	613	13	65.0	418	9	US-10-450-763-20290	Sequence 20290, A
C 541	14	70.0	2000	3	US-09-938-842A-4582	Sequence 4582, Ap	614	13	65.0	427	7	US-10-424-599-27740	Sequence 27740, A
C 542	14	70.0	2352	5	US-10-151-668-14	Sequence 14, Appl	615	13	65.0	429	7	US-10-424-599-99229	Sequence 99229, A
C 543	14	70.0	3270	7	US-10-424-599-82545	Sequence 82545, A	616	13	65.0	438	7	US-10-276-774-1261	Sequence 1261, Ap
C 544	14	70.0	5020	8	US-10-473-126-245	Sequence 245, App	617	13	65.0	439	4	US-09-925-065A-192718	Sequence 192718, A
C 545	14	70.0	5506	6	US-10-311-455-1712	Sequence 1712, Ap	618	13	65.0	439	4	US-09-925-065A-192719	Sequence 192719, A
C 546	14	70.0	6175	6	US-10-311-455-1279	Sequence 1279, Ap	619	13	65.0	443	4	US-09-925-065A-192720	Sequence 192720, A
C 547	14	70.0	6224	6	US-10-311-455-1281	Sequence 1281, Ap	620	13	65.0	444	4	US-09-925-065A-156076	Sequence 156076, A
C 548	14	70.0	6224	6	US-10-240-452-55	Sequence 55, Appl	621	13	65.0	471	8	US-10-357-930-14463	Sequence 14463, A
C 549	14	70.0	6380	10	US-11-097-143-17635	Sequence 17635, A	622	13	65.0	511	4	US-09-925-065A-156077	Sequence 156077, A
C 550	14	70.0	9707	6	US-10-311-455-1394	Sequence 1394, Ap	623	13	65.0	515	4	US-09-925-065A-471258	Sequence 471258, A
C 551	14	70.0	10717	6	US-10-311-455-1667	Sequence 1667, Ap	624	13	65.0	515	4	US-09-925-065A-471259	Sequence 471259, A
C 552	14	70.0	15609	7	US-10-302-547-131	Sequence 131, App	625	13	65.0	516	4	US-09-925-065A-639991	Sequence 639991, A
C 553	14	70.0	17959	6	US-10-311-455-548	Sequence 548, App	626	13	65.0	526	4	US-09-925-065A-613841	Sequence 613841, A
C 554	14	70.0	17959	6	US-10-240-452-42	Sequence 42, Appl	627	13	65.0	526	5	US-10-027-632-34490	Sequence 34490, A
C 555	14	70.0	23683	6	US-10-459-262A-2	Sequence 175, App	628	13	65.0	526	6	US-10-027-632-34490	Sequence 34490, A
C 556	14	70.0	49600	7	US-10-459-262A-2	Sequence 2, Appl	629	13	65.0	542	7	US-10-767-701-611	Sequence 611, App
C 557	13	65.0	13	3	US-09-740-332-4585	Sequence 4585, Ap	630	13	65.0	544	4	US-09-925-065A-277711	Sequence 277711, A
C 558	13	65.0	13	3	US-09-740-332-4611	Sequence 4611, Ap	631	13	65.0	553	4	US-09-925-065A-844056	Sequence 844056, A
C 559	13	65.0	13	3	US-09-817-879-4585	Sequence 4585, Ap	632	13	65.0	553	4	US-09-925-065A-844057	Sequence 844057, A
C 560	13	65.0	13	3	US-09-817-879-4611	Sequence 4611, Ap	633	13	65.0	556	5	US-10-027-632-221846	Sequence 221846, A
C 561	13	65.0	13	3	US-10-669-841-7178	Sequence 7178, Ap	634	13	65.0	556	6	US-10-027-632-221846	Sequence 221846, A
C 562	13	65.0	13	7	US-10-669-841-7204	Sequence 7204, Ap	635	13	65.0	558	3	US-09-974-300-2454	Sequence 2454, Ap
C 563	13	65.0	13	8	US-10-257-017B-65153	Sequence 65153, A	636	13	65.0	559	4	US-09-925-065A-666339	Sequence 666339, A
C 564	13	65.0	13	8	US-10-257-017B-65154	Sequence 65154, A	637	13	65.0	576	3	US-09-809-545A-61	Sequence 61, Appl
C 565	13	65.0	15	3	US-09-504-231A-11	Sequence 11, Appl	638	13	65.0	577	5	US-10-959-440-61	Sequence 61, Appl
C 566	13	65.0	15	3	US-09-274-553D-11	Sequence 11, Appl	639	13	65.0	577	5	US-10-027-632-222350	Sequence 222350, A
C 567	13	65.0	15	3	US-09-740-332-4610	Sequence 4610, Ap	640	13	65.0	577	6	US-10-027-632-222350	Sequence 222350, A
C 568	13	65.0	15	3	US-09-817-879-4610	Sequence 4610, Ap	641	13	65.0	581	5	US-10-027-632-58196	Sequence 58196, A
C 569	13	65.0	15	7	US-10-669-841-7203	Sequence 7203, Ap	642	13	65.0	581	5	US-10-027-632-59203	Sequence 59203, A
C 570	13	65.0	17	3	US-09-888-164-12	Sequence 12, Appl	643	13	65.0	581	5	US-10-027-632-309172	Sequence 309172, A
C 571	13	65.0	17	3	US-09-888-164-13	Sequence 13, Appl	644	13	65.0	581	6	US-10-027-632-58196	Sequence 58196, A
C 572	13	65.0	17	3	US-09-740-332-59	Sequence 59, Appl	645	13	65.0	581	6	US-10-027-632-59203	Sequence 59203, A
C 573	13	65.0	17	3	US-09-817-879-59	Sequence 59, Appl	646	13	65.0	581	6	US-10-027-632-309172	Sequence 309172, A
C 574	13	65.0	17	3	US-09-817-879-59	Sequence 59, Appl	647	13	65.0	584	8	US-10-363-345A-7095	Sequence 7095, Ap
C 575	13	65.0	18	7	US-10-669-841-2652	Sequence 2652, Ap	648	13	65.0	584	8	US-10-363-345A-7096	Sequence 7096, Ap
C 576	13	65.0	19	3	US-09-802-110B-75	Sequence 75, Appl	649	13	65.0	584	8	US-10-363-345A-17085	Sequence 17085, A
C 577	13	65.0	19	8	US-10-667-271-157	Sequence 157, Appl	650	13	65.0	584	8	US-10-363-345A-17086	Sequence 17086, A
C 578	13	65.0	19	8	US-10-667-271-165	Sequence 165, Appl	651	13	65.0	584	9	US-10-363-483A-7095	Sequence 7095, Ap
C 579	13	65.0	19	8	US-10-667-271-853	Sequence 853, App	652	13	65.0	584	9	US-10-363-483A-7096	Sequence 7096, Ap
C 580	13	65.0	19	8	US-10-667-271-861	Sequence 861, App	653	13	65.0	584	9	US-10-363-483A-17085	Sequence 17085, A
C 581	13	65.0	19	9	US-10-478-633A-86	Sequence 86, Appl	654	13	65.0	584	9	US-10-363-483A-17086	Sequence 17086, A
C 582	13	65.0	19	9	US-10-478-633A-88	Sequence 88, Appl	655	13	65.0	585	4	US-09-925-065A-690825	Sequence 690825, A
C 583	13	65.0	19	9	US-10-942-560-157	Sequence 157, Appl	656	13	65.0	587	4	US-09-925-065A-515750	Sequence 515750, A
C 584	13	65.0	19	9	US-10-942-560-165	Sequence 165, App	657	13	65.0	587	4	US-09-925-065A-515751	Sequence 515751, A
C 585	13	65.0	19	9	US-10-942-560-853	Sequence 853, App	658	13	65.0	587	4	US-09-925-065A-557660	Sequence 557660, A
C 586	13	65.0	21	9	US-10-942-560-861	Sequence 861, App	659	13	65.0	589	5	US-09-925-065A-557661	Sequence 557661, A
C 587	13	65.0	21	3	US-09-875-945-13	Sequence 13, Appl	660	13	65.0	589	5	US-10-062-254-193	Sequence 193, App
C 588	13	65.0	24	7	US-10-318-416B-31	Sequence 31, Appl	661	13	65.0	594	9	US-10-450-763-2461	Sequence 2461, App
C 589	13	65.0	24	7	US-10-318-416B-37	Sequence 37, Appl	662	13	65.0	598	5	US-10-027-632-241519	Sequence 241519, A
C 590	13	65.0	25	5	US-10-098-263B-21034	Sequence 21034, A	663	13	65.0	598	6	US-10-027-632-241519	Sequence 241519, A
C 591	13	65.0	25	7	US-10-719-956-153500	Sequence 153500, A	664	13	65.0	600	4	US-09-925-065A-128517	Sequence 128517, A
C 592	13	65.0	25	7	US-10-719-956-290643	Sequence 290643, A	665	13	65.0	600	4	US-09-925-065A-256872	Sequence 256872, A
C 593	13	65.0	25	7	US-10-719-956-290643	Sequence 290643, A	666	13	65.0	600	9	US-10-972-079-67143	Sequence 67143, A
C 594	13	65.0	25	7	US-09-877-526A-28	Sequence 28, Appl	667	13	65.0	600	9	US-10-972-079-67144	Sequence 67144, A
C 595	13	65.0	54	3	US-09-992-160-28	Sequence 28, Appl	668	13	65.0	602	3	US-09-770-149-960	Sequence 960, App
C 596	13	65.0	54	3	US-10-056-761-28	Sequence 28, Appl	669	13	65.0	602	4	US-09-925-065A-128518	Sequence 128518, A
C 597	13	65.0	54	6	US-10-422-050-28	Sequence 28, Appl	670	13	65.0	602	4	US-09-925-065A-128518	Sequence 128518, A
C 598	13	65.0	72	3	US-09-877-526A-29	Sequence 29, Appl	671	13	65.0	604	7	US-10-424-599-86062	Sequence 86062, A
C 599	13	65.0	72	3	US-09-992-160-29	Sequence 29, Appl	672	13	65.0	605	4	US-09-925-065A-575680	Sequence 575680, A
C 600	13	65.0	72	5	US-10-056-761-29	Sequence 29, Appl	673	13	65.0	624	4	US-09-925-065A-575121	Sequence 575121, A
C 601	13	65.0	72	6	US-10-422-050-29	Sequence 29, Appl	674	13	65.0	630	5	US-10-027-632-105352	Sequence 105352, A
C 602	13	65.0	183	7	US-10-424-599-49538	Sequence 49538, A	675	13	65.0	630	5	US-10-027-632-105352	Sequence 105352, A
C 603	13	65.0	201	8	US-10-719-993-26087	Sequence 26087, A	676	13	65.0	630	6	US-10-027-632-127858	Sequence 127858, A
C 604	13	65.0	201	8	US-10-741-600-36375	Sequence 36375, A	677	13	65.0	630	6	US-10-027-632-127858	Sequence 127858, A
C 605	13	65.0	207	7	US-10-275-026A-199	Sequence 199, App	678	13	65.0	633	4	US-09-925-065A-762369	Sequence 762369, A
C 606	13	65.0	222	8	US-10-357-930-5394	Sequence 5394, Ap	679	13	65.0	641	8	US-10-363-345A-11625	Sequence 11625, A
C 607	13	65.0	246	7	US-10-424-599-27321	Sequence 27321, A	680	13	65.0	641	8	US-10-363-345A-11626	Sequence 11626, A

C 681	13	65.0	641	9	US-10-363-483A-11625	Sequence 11625, A	754	13	65.0	2562	7	US-10-322-281-415	Sequence 415, App
C 682	13	65.0	641	9	US-10-363-483A-11626	Sequence 11626, A	755	13	65.0	2583	9	US-10-450-763-20291	Sequence 20291, A
C 683	13	65.0	643	4	US-09-925-065A-672082	Sequence 672082, A	756	13	65.0	3183	6	US-10-094-749-188	Sequence 188, App
C 684	13	65.0	643	4	US-09-925-065A-672083	Sequence 672083, A	757	13	65.0	3329	3	US-09-858-081-8	Sequence 8, Appl
C 685	13	65.0	661	8	US-10-425-115-181295	Sequence 181295, A	758	13	65.0	3402	3	US-09-858-068-3	Sequence 3, Appl
C 686	13	65.0	669	4	US-09-925-065A-871292	Sequence 871292, A	759	13	65.0	3403	3	US-09-858-081-1	Sequence 1, Appl
C 687	13	65.0	677	8	US-10-767-793-3213	Sequence 3213, A	760	13	65.0	3403	3	US-09-858-068-1	Sequence 1, Appl
C 688	13	65.0	711	8	US-10-363-345A-32355	Sequence 32355, A	761	13	65.0	3471	3	US-09-858-081-11	Sequence 11, Appl
C 689	13	65.0	711	8	US-10-363-345A-32356	Sequence 32356, A	762	13	65.0	3571	7	US-10-102-172-411	Sequence 411, App
C 690	13	65.0	711	8	US-10-363-345A-32356	Sequence 32356, A	763	13	65.0	3861	5	US-10-128-714-5248	Sequence 5248, App
C 691	13	65.0	711	8	US-10-363-483A-32355	Sequence 32355, A	764	13	65.0	4146	9	US-10-831-070-187	Sequence 187, App
C 692	13	65.0	712	8	US-10-363-483A-32356	Sequence 32356, A	765	13	65.0	4253	7	US-10-467-042-25	Sequence 25, Appl
C 693	13	65.0	712	8	US-10-363-345A-9666	Sequence 9666, A	766	13	65.0	4253	10	US-11-046-868-25	Sequence 25, Appl
C 694	13	65.0	712	8	US-10-363-483A-9666	Sequence 9666, A	767	13	65.0	5433	10	US-11-097-143-3737	Sequence 3737, App
C 695	13	65.0	712	9	US-10-363-483A-9666	Sequence 9666, A	768	13	65.0	5433	6	US-10-311-455-1513	Sequence 1513, App
C 696	13	65.0	731	5	US-10-027-632-15716	Sequence 15716, A	769	13	65.0	5883	6	US-10-311-455-1706	Sequence 1706, App
C 697	13	65.0	731	5	US-10-027-632-15716	Sequence 15716, A	770	13	65.0	5891	6	US-10-311-455-1412	Sequence 1412, App
C 698	13	65.0	761	5	US-10-062-254-195	Sequence 195, App	771	13	65.0	6352	7	US-10-221-613-195	Sequence 195, App
C 699	13	65.0	774	5	US-10-027-632-16704	Sequence 16704, A	772	13	65.0	7002	10	US-11-097-143-21862	Sequence 21862, A
C 700	13	65.0	774	5	US-10-027-632-16705	Sequence 16705, A	773	13	65.0	7018	6	US-11-097-143-11741	Sequence 11741, A
C 701	13	65.0	774	5	US-10-027-632-16706	Sequence 16706, A	774	13	65.0	7162	6	US-10-062-674-1565	Sequence 1565, App
C 702	13	65.0	774	6	US-10-027-632-16704	Sequence 16704, A	775	13	65.0	7297	10	US-11-097-143-3736	Sequence 3736, App
C 703	13	65.0	774	6	US-10-027-632-16705	Sequence 16705, A	776	13	65.0	7297	10	US-11-097-143-21895	Sequence 21895, A
C 704	13	65.0	774	6	US-10-027-632-16706	Sequence 16706, A	777	13	65.0	10637	10	US-11-097-143-11740	Sequence 11740, A
C 705	13	65.0	775	5	US-10-027-632-16706	Sequence 16706, A	778	13	65.0	12046	6	US-10-311-455-1606	Sequence 1606, App
C 706	13	65.0	775	5	US-10-027-632-325234	Sequence 325234, A	779	13	65.0	14756	6	US-10-017-161-2171	Sequence 2171, App
C 707	13	65.0	775	6	US-10-027-632-325234	Sequence 325234, A	780	13	65.0	14756	6	US-10-292-798-1817	Sequence 1817, App
C 708	13	65.0	775	6	US-10-027-632-325234	Sequence 325234, A	781	13	65.0	17131	6	US-10-311-455-1025	Sequence 1025, App
C 709	13	65.0	876	8	US-10-363-345A-25375	Sequence 25375, A	782	13	65.0	17220	8	US-10-603-494-184	Sequence 184, App
C 710	13	65.0	876	8	US-10-363-345A-25376	Sequence 25376, A	783	13	65.0	25871	8	US-10-741-600-17660	Sequence 17660, A
C 711	13	65.0	876	9	US-10-363-483A-25375	Sequence 25375, A	784	13	65.0	32328	10	US-11-097-143-12232	Sequence 12232, A
C 712	13	65.0	876	9	US-10-363-483A-25376	Sequence 25376, A	785	13	65.0	36471	9	US-10-915-740A-1	Sequence 1, Appl
C 713	13	65.0	948	7	US-10-425-114-21574	Sequence 21574, A	786	13	65.0	48829	5	US-10-087-192-1531	Sequence 1531, App
C 714	13	65.0	960	7	US-10-282-122A-32602	Sequence 32602, A	787	13	65.0	54732	7	US-10-322-281-414	Sequence 414, App
C 715	13	65.0	1094	5	US-10-027-632-31865	Sequence 31865, A	788	13	65.0	58909	7	US-10-672-787-30	Sequence 30, Appl
C 716	13	65.0	1094	5	US-10-027-632-31866	Sequence 31866, A	789	13	65.0	59748	7	US-10-322-281-296	Sequence 296, App
C 717	13	65.0	1094	6	US-10-027-632-31866	Sequence 31866, A	790	13	65.0	68571	6	US-10-401-194-1	Sequence 1, Appl
C 718	13	65.0	1094	6	US-10-027-632-31866	Sequence 31866, A	791	13	65.0	98300	9	US-10-723-939-2	Sequence 2, Appl
C 719	13	65.0	1162	8	US-10-363-345A-36831	Sequence 36831, A	792	13	65.0	104900	9	US-10-461-862-64	Sequence 64, Appl
C 720	13	65.0	1162	8	US-10-363-345A-36832	Sequence 36832, A	793	13	65.0	107280	7	US-10-322-281-155	Sequence 155, App
C 721	13	65.0	1162	9	US-10-363-483A-36831	Sequence 36831, A	794	13	65.0	129297	9	US-10-737-082-89	Sequence 89, App
C 722	13	65.0	1162	9	US-10-363-483A-36832	Sequence 36832, A	795	13	65.0	129297	9	US-10-765-790-89	Sequence 89, App
C 723	13	65.0	1162	9	US-10-363-483A-36832	Sequence 36832, A	796	13	65.0	149062	7	US-10-367-094-93	Sequence 93, Appl
C 724	13	65.0	1173	3	US-09-938-842A-883	Sequence 883, App	797	13	65.0	216929	7	US-10-741-601-5727	Sequence 5727, App
C 725	13	65.0	1205	8	US-10-425-114-21667	Sequence 21667, A	798	13	65.0	347001	8	US-10-319-908-16	Sequence 16, Appl
C 726	13	65.0	1281	8	US-10-363-345A-30697	Sequence 30697, A	799	13	65.0	430442	9	US-10-417-375-128	Sequence 128, App
C 727	13	65.0	1281	8	US-10-363-345A-30698	Sequence 30698, A	800	13	65.0	653458	9	US-10-461-862-4	Sequence 4, Appl
C 728	13	65.0	1281	9	US-10-363-483A-30697	Sequence 30697, A	801	13	65.0	786452	8	US-10-719-993-6822	Sequence 6822, App
C 729	13	65.0	1281	9	US-10-363-483A-30698	Sequence 30698, A	802	13	65.0	2242716	9	US-10-915-740A-1068	Sequence 1068, App
C 730	13	65.0	1287	4	US-09-925-065A-38982	Sequence 38982, A	803	13	65.0	2731748	7	US-10-297-465A-1	Sequence 1, Appl
C 731	13	65.0	1296	7	US-10-282-122A-17375	Sequence 17375, A	804	13	65.0	2731748	7	US-10-297-465A-1	Sequence 1, Appl
C 732	13	65.0	1533	6	US-10-425-115-56490	Sequence 56490, A	805	13	65.0	2940917	5	US-10-027-632-174763	Sequence 174763, App
C 733	13	65.0	1599	6	US-10-324-985A-3	Sequence 3, Appl	806	13	65.0	2940917	6	US-10-027-632-174763	Sequence 174763, App
C 734	13	65.0	1599	7	US-10-641-643-1004	Sequence 1004, App	807	13	65.0	3673778	6	US-10-312-841-1	Sequence 1, Appl
C 735	13	65.0	1701	9	US-10-482-834A-38	Sequence 38, Appl	808	12	60.0	12	2	US-08-887-505-101	Sequence 101, Appl
C 736	13	65.0	1715	6	US-10-007-926A-254	Sequence 254, App	809	12	60.0	12	8	US-10-257-017B-319061	Sequence 319061, App
C 737	13	65.0	1715	6	US-10-735-461-23	Sequence 23, Appl	810	12	60.0	13	3	US-09-740-332-4609	Sequence 4609, App
C 738	13	65.0	1715	8	US-10-275-858A-1	Sequence 21, Appl	811	12	60.0	13	3	US-09-740-332-4609	Sequence 4609, App
C 739	13	65.0	1771	9	US-10-482-834A-35	Sequence 35, Appl	812	12	60.0	13	7	US-10-669-841-7202	Sequence 7202, App
C 740	13	65.0	1771	9	US-10-482-834A-36	Sequence 36, Appl	813	12	60.0	13	8	US-10-257-017B-87861	Sequence 87861, A
C 741	13	65.0	1771	9	US-10-482-834A-37	Sequence 37, Appl	814	12	60.0	13	8	US-10-257-017B-87862	Sequence 87862, A
C 742	13	65.0	1771	9	US-10-482-834A-46	Sequence 46, Appl	815	12	60.0	15	3	US-09-504-231A-38	Sequence 38, Appl
C 743	13	65.0	1771	9	US-10-482-834A-47	Sequence 47, Appl	816	12	60.0	15	3	US-09-504-231A-1547	Sequence 1547, App
C 744	13	65.0	1771	9	US-10-482-834A-48	Sequence 48, Appl	817	12	60.0	15	3	US-09-274-553D-38	Sequence 38, Appl
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C 749	13	65.0	1964	7	US-10-424-599-38735	Sequence 38735, A	822	12	60.0	17	3	US-09-740-332-4496	Sequence 4496, App
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ALIGNMENTS

RESULT 1
US-08-887-505-28
; Sequence 28, Application US/08887505
; Publication No. US20020081577A1
; GENERAL INFORMATION:
; APPLICANT: Kilkuskie, Robert E.
; APPLICANT: Frank, Bruce L.
; APPLICANT: Goodchild, John
; APPLICANT: Wolfe, Jia L.
; APPLICANT: Roberts, Peter C.
; APPLICANT: Hamlin, Jr., Henry A.
; APPLICANT: Roberts, No. US20020081577A1 A.
; APPLICANT: Walther, Debra M.
; TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR
; NUMBER OF SEQUENCES: 172
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hale and Dorr LLP
; STREET: 60 State Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/887,505
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/471,968
; FILING DATE: 06-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Kerner, Ann-Louise
; REGISTRATION NUMBER: 33,523
; REFERENCE/DOCKET NUMBER: HYZ-040CIP
; TELECOMMUNICATION INFORMATION:

Sequence 36087, A
Sequence 36088, A
Sequence 36087, A
Sequence 36088, A
Sequence 344620, A
Sequence 92535, A
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Sequence 327700, A
Sequence 13115, A
Sequence 1042, Ap
Sequence 23198, A
Sequence 27812, A
Sequence 24, Appl
Sequence 238720, A
Sequence 427406, A
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; TELEPHONE: (617) 526-6000
; TELEFAX: (617) 526-5000
; INFORMATION FOR SEQ ID NO: 28:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
US-08-887-505-28
Query Match 100.0%; Score 20; DB 2; Length 20;
Best Local Similarity 100.0%; Pred. No. 0.023;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 TTTCGACCCCACTACTC 20
Db 1 TTTCGACCCCACTACTC 20
RESULT 2
US-08-887-505-119
; Sequence 119, Application US/08887505
; Publication No. US20020081577A1
; GENERAL INFORMATION:
; APPLICANT: Kilkuskie, Robert E.
; APPLICANT: Frank, Bruce L.
; APPLICANT: Goodchild, John
; APPLICANT: Wolfe, Jia L.
; APPLICANT: Roberts, Peter C.
; APPLICANT: Hamlin, Jr., Henry A.
; APPLICANT: Roberts, No. US20020081577A1 A.
; APPLICANT: Walther, Debra M.
; TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR
; NUMBER OF SEQUENCES: 172
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hale and Dorr LLP
; STREET: 60 State Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/887,505
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/471,968
; FILING DATE: 06-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Kerner, Ann-Louise
; REGISTRATION NUMBER: 33,523
; REFERENCE/DOCKET NUMBER: HYZ-040CIP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 526-6000
; TELEFAX: (617) 526-5000
; INFORMATION FOR SEQ ID NO: 119:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA/RNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES

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Query Match 100.0%; Score 20; DB 2; Length 20;
Best Local Similarity 95.0%; Pred. No. 0.023;
Matches 19; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCAACTACTC 20
Db 1 TTTCGGACCCCAACTACTC 20

RESULT 3

US-08-887-505-120
; Sequence 120, Application US/08887505
; Publication No. US20020081577A1
; GENERAL INFORMATION:
; APPLICANT: Kilkuskie, Robert E.
; APPLICANT: Frank, Bruce L.
; APPLICANT: Goodchild, John
; APPLICANT: Wolfe, Jia L.
; APPLICANT: Roberts, Peter C.
; APPLICANT: Hamlin, Jr., Henry A.
; APPLICANT: Roberts, No. US20020081577A11 A.
; APPLICANT: Walther, Debra M.
; TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR
; TITLE OF INVENTION: HEPATITIS C VIRUS
; NUMBER OF SEQUENCES: 172
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hale and Dorr LLP
; STREET: 60 State Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/887,505
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/471,968
; FILING DATE: 06-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Keirner, Ann-Louise
; REGISTRATION NUMBER: 33,523
; REFERENCE/DOCKET NUMBER: HYZ-040CIP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 526-6000
; TELEFAX: (617) 526-5000
; INFORMATION FOR SEQ ID NO: 120:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA/RNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES

Query Match 100.0%; Score 20; DB 2; Length 20;
Best Local Similarity 95.0%; Pred. No. 0.023;
Matches 19; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCAACTACTC 20
Db 1 TTTCGGACCCCAACTACTC 20

RESULT 4

US-08-887-505-121
; Sequence 121, Application US/08887505
; Publication No. US20020081577A1
; GENERAL INFORMATION:
; APPLICANT: Kilkuskie, Robert E.
; APPLICANT: Frank, Bruce L.
; APPLICANT: Goodchild, John
; APPLICANT: Wolfe, Jia L.
; APPLICANT: Roberts, Peter C.
; APPLICANT: Hamlin, Jr., Henry A.
; APPLICANT: Roberts, No. US20020081577A11 A.
; APPLICANT: Walther, Debra M.
; TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR
; TITLE OF INVENTION: HEPATITIS C VIRUS
; NUMBER OF SEQUENCES: 172
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hale and Dorr LLP
; STREET: 60 State Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/887,505
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/471,968
; FILING DATE: 06-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Keirner, Ann-Louise
; REGISTRATION NUMBER: 33,523
; REFERENCE/DOCKET NUMBER: HYZ-040CIP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 526-6000
; TELEFAX: (617) 526-5000
; INFORMATION FOR SEQ ID NO: 121:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA/RNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES

Query Match 100.0%; Score 20; DB 2; Length 20;
Best Local Similarity 95.0%; Pred. No. 0.023;
Matches 19; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCAACTACTC 20
Db 1 TTTCGGACCCCAACTACTC 20

RESULT 5

US-08-887-505-122
; Sequence 122, Application US/08887505
; Publication No. US20020081577A1
; GENERAL INFORMATION:
; APPLICANT: Kilkuskie, Robert E.
; APPLICANT: Frank, Bruce L.
; APPLICANT: Goodchild, John
; APPLICANT: Wolfe, Jia L.
; APPLICANT: Roberts, Peter C.
; APPLICANT: Hamlin, Jr., Henry A.

APPLICATION NUMBER: US 08/471,968
FILING DATE: 06-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: HYZ-040CIP
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 526-6000
TELEFAX: (617) 526-5000
INFORMATION FOR SEQ ID NO: 124:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA/RNA
HYPOTHETICAL: NO
ANTI-SENSE: YES
US-08-887-505-124

Query Match 100.0%; Score 20; DB 2; Length 20;
Best Local Similarity 80.0%; Pred. No. 0.023;
Matches 16; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTGCGACCCCAACTACTC 20
 :::|||||:|:|:|:
DB 1 UUCGCGACCCACACUACUC 20

RESULT 8

US-08-887-505-125
Sequence 125, Application US/08887505
Publication No. US20020081577A1
GENERAL INFORMATION:
APPLICANT: Kilkuskie, Robert E.
APPLICANT: Frank, Bruce L.
APPLICANT: Goodchild, John
APPLICANT: Wolfe, Jia L.
APPLICANT: Roberts, Peter C.
APPLICANT: Hamlin, Jr., Henry A.
APPLICANT: Roberts, No. US20020081577A1 A.
APPLICANT: Walther, Debra M.
TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR
TITLE OF INVENTION: HEPATITIS C VIRUS
NUMBER OF SEQUENCES: 172
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hale and Dorr LLP
STREET: 60 State Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/887,505
FILING DATE:
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/471,968
FILING DATE: 06-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: HYZ-040CIP
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 526-6000
TELEFAX: (617) 526-5000
INFORMATION FOR SEQ ID NO: 125:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA/RNA
HYPOTHETICAL: NO
ANTI-SENSE: YES
US-08-887-505-125

LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA/RNA
HYPOTHETICAL: NO
ANTI-SENSE: YES
US-08-887-505-125

Query Match 100.0%; Score 20; DB 2; Length 20;
Best Local Similarity 80.0%; Pred. No. 0.023;
Matches 16; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTGCGACCCCAACTACTC 20
 :::|||||:|:|:|:
DB 1 UUCGCGACCCACACUACUC 20

RESULT 9

US-08-887-505-126
Sequence 126, Application US/08887505
Publication No. US20020081577A1
GENERAL INFORMATION:
APPLICANT: Kilkuskie, Robert E.
APPLICANT: Frank, Bruce L.
APPLICANT: Goodchild, John
APPLICANT: Wolfe, Jia L.
APPLICANT: Roberts, Peter C.
APPLICANT: Hamlin, Jr., Henry A.
APPLICANT: Roberts, No. US20020081577A1 A.
APPLICANT: Walther, Debra M.
TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR
TITLE OF INVENTION: HEPATITIS C VIRUS
NUMBER OF SEQUENCES: 172
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hale and Dorr LLP
STREET: 60 State Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/887,505
FILING DATE:
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/471,968
FILING DATE: 06-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: HYZ-040CIP
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 526-6000
TELEFAX: (617) 526-5000
INFORMATION FOR SEQ ID NO: 126:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA/RNA
HYPOTHETICAL: NO
ANTI-SENSE: YES
US-08-887-505-126

Query Match 100.0%; Score 20; DB 2; Length 20;
Best Local Similarity 100.0%; Pred. No. 0.023;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCAACTACTC 20
|||||
Db 1 TTTCGGACCCCAACTACTC 20

RESULT 10

US-08-887-505-127
; Sequence 127, Application US/08887505
; Publication No. US20020081577A1
; GENERAL INFORMATION:
; APPLICANT: Kilkuskie, Robert E.
; APPLICANT: Frank, Bruce L.
; APPLICANT: Goodchild, John
; APPLICANT: Wolfe, Jia L.
; APPLICANT: Roberts, Peter C.
; APPLICANT: Hamlin, Jr., Henry A.
; APPLICANT: Roberts, No. US20020081577A1 A.
; APPLICANT: Walther, Debra M.
; TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR
; TITLE OF INVENTION: HEPATITIS C VIRUS
; NUMBER OF SEQUENCES: 172
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hale and Dorr LLP
; STREET: 60 State Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/887,505
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/471,968
; FILING DATE: 06-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Kerner, Ann-Louise
; REGISTRATION NUMBER: 33,523
; REFERENCE/DOCKET NUMBER: HYZ-040CIP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 526-6000
; TELEFAX: (617) 526-5000
; INFORMATION FOR SEQ ID NO: 127:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA/RNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES

US-08-887-505-127

Query Match 100.0%; Score 20; DB 2; Length 20;

Best Local Similarity 100.0%; Pred. No. 0.023;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCAACTACTC 20
|||||
Db 1 TTTCGGACCCCAACTACTC 20

RESULT 11

US-08-887-505-128
; Sequence 128, Application US/08887505
; Publication No. US20020081577A1
; GENERAL INFORMATION:
; APPLICANT: Kilkuskie, Robert E.
; APPLICANT: Frank, Bruce L.
; APPLICANT: Goodchild, John
; APPLICANT: Wolfe, Jia L.
; APPLICANT: Roberts, Peter C.
; APPLICANT: Hamlin, Jr., Henry A.
; APPLICANT: Roberts, No. US20020081577A1 A.
; APPLICANT: Walther, Debra M.
; TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR
; TITLE OF INVENTION: HEPATITIS C VIRUS
; NUMBER OF SEQUENCES: 172
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hale and Dorr LLP
; STREET: 60 State Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/887,505
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/471,968
; FILING DATE: 06-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Kerner, Ann-Louise
; REGISTRATION NUMBER: 33,523
; REFERENCE/DOCKET NUMBER: HYZ-040CIP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 526-6000
; TELEFAX: (617) 526-5000
; INFORMATION FOR SEQ ID NO: 127:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA/RNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES

US-08-887-505-127

Query Match 100.0%; Score 20; DB 2; Length 20;

Best Local Similarity 100.0%; Pred. No. 0.023;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCAACTACTC 20
|||||
Db 1 TTTCGGACCCCAACTACTC 20

RESULT 12

US-08-887-505-129
; Sequence 129, Application US/08887505
; Publication No. US20020081577A1
; GENERAL INFORMATION:
; APPLICANT: Kilkuskie, Robert E.
; APPLICANT: Frank, Bruce L.
; APPLICANT: Goodchild, John
; APPLICANT: Wolfe, Jia L.
; APPLICANT: Roberts, Peter C.
; APPLICANT: Hamlin, Jr., Henry A.
; APPLICANT: Roberts, No. US20020081577A1 A.
; APPLICANT: Walther, Debra M.
; TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR
; TITLE OF INVENTION: HEPATITIS C VIRUS
; NUMBER OF SEQUENCES: 172
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hale and Dorr LLP
; STREET: 60 State Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/887,505
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/471,968
; FILING DATE: 06-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Kerner, Ann-Louise
; REGISTRATION NUMBER: 33,523
; REFERENCE/DOCKET NUMBER: HYZ-040CIP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 526-6000
; TELEFAX: (617) 526-5000
; INFORMATION FOR SEQ ID NO: 128:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA/RNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES

US-08-887-505-128

Query Match 100.0%; Score 20; DB 2; Length 20;

Best Local Similarity 100.0%; Pred. No. 0.023;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCAACTACTC 20
|||||
Db 1 TTTCGGACCCCAACTACTC 20

; NUMBER OF SEQUENCES: 172
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hale and Dorr LLP
; STREET: 60 State Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/887,505
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/471,968
; FILING DATE: 06-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Kerner, Ann-Louise
; REGISTRATION NUMBER: 33,523
; REFERENCE/DOCKET NUMBER: HYZ-040CIP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 526-6000
; TELEFAX: (617) 526-5000
; INFORMATION FOR SEQ ID NO: 129:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA/RNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
US-08-887-505-129

Query Match 100.0%; Score 20; DB 2; Length 20;
Best Local Similarity 100.0%; Pred. No. 0.023;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTCGCGACCCCACTACTC 20
Db 1 TTCGCGACCCCACTACTC 20

RESULT 13
US-08-887-505-130
; Sequence 130, Application US/08887505
; Publication No. US20020081577A1
; GENERAL INFORMATION:
; APPLICANT: Kilkuskie, Robert E.
; APPLICANT: Frank, Bruce L.
; APPLICANT: Goodchild, John
; APPLICANT: Wolfe, Jia L.
; APPLICANT: Roberts, Peter C.
; APPLICANT: Hamlin, Jr., Henry A.
; APPLICANT: Roberts, No. US20020081577A1 A.
; TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR
; NUMBER OF SEQUENCES: 172
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hale and Dorr LLP
; STREET: 60 State Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/887,505
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/471,968
; FILING DATE: 06-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Kerner, Ann-Louise

; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/887,505
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/471,968
; FILING DATE: 06-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Kerner, Ann-Louise
; REGISTRATION NUMBER: 33,523
; REFERENCE/DOCKET NUMBER: HYZ-040CIP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 526-6000
; TELEFAX: (617) 526-5000
; INFORMATION FOR SEQ ID NO: 130:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA/RNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
US-08-887-505-130

Query Match 100.0%; Score 20; DB 2; Length 20;
Best Local Similarity 100.0%; Pred. No. 0.023;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTCGCGACCCCACTACTC 20
Db 1 TTCGCGACCCCACTACTC 20

RESULT 14
US-08-887-505-75
; Sequence 75, Application US/08887505
; Publication No. US20020081577A1
; GENERAL INFORMATION:
; APPLICANT: Kilkuskie, Robert E.
; APPLICANT: Frank, Bruce L.
; APPLICANT: Goodchild, John
; APPLICANT: Wolfe, Jia L.
; APPLICANT: Roberts, Peter C.
; APPLICANT: Hamlin, Jr., Henry A.
; APPLICANT: Roberts, No. US20020081577A1 A.
; APPLICANT: Walther, Debra M.
; TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR
; NUMBER OF SEQUENCES: 172
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hale and Dorr LLP
; STREET: 60 State Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/887,505
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/471,968
; FILING DATE: 06-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Kerner, Ann-Louise

; REGISTRATION NUMBER: 33,523
; REFERENCE/DOCKET NUMBER: HYZ-040CIP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 526-6000
; TELEFAX: (617) 526-5000
; INFORMATION FOR SEQ ID NO: 75:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
US-08-887-505-75

Query Match 100.0%; Score 20; DB 2; Length 24;
Best Local Similarity 100.0%; Pred. No. 0.023;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCAACTACTC 20
Db 3 TTTCGGACCCCAACTACTC 22

RESULT 15

; Sequence 131, Application US/08887505
; Publication No. US20020081577A1
; GENERAL INFORMATION:
; APPLICANT: Kilkuskie, Robert E.
; APPLICANT: Frank, Bruce L.
; APPLICANT: Goodchild, John
; APPLICANT: Wolfe, Jia L.
; APPLICANT: Roberts, Peter C.
; APPLICANT: Hamlin, Jr., Henry A.
; APPLICANT: Roberts, No. US20020081577A1 A.
; APPLICANT: Walther, Debra M.
; TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR
; TITLE OF INVENTION: HEPATITIS C VIRUS
; NUMBER OF SEQUENCES: 172
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hale and Dorr LLP
; STREET: 60 State Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/887,505
; FILING DATE:

; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/471,968
; FILING DATE: 06-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Kerner, Ann-Louise
; REGISTRATION NUMBER: 33,523
; REFERENCE/DOCKET NUMBER: HYZ-040CIP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 526-6000
; TELEFAX: (617) 526-5000
; INFORMATION FOR SEQ ID NO: 131:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 26 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear

; MOLECULE TYPE: DNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
US-08-887-505-131

Query Match 100.0%; Score 20; DB 2; Length 26;
Best Local Similarity 100.0%; Pred. No. 0.023;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCAACTACTC 20
Db 1 TTTCGGACCCCAACTACTC 20

RESULT 16

US-10-407-952-4/c
; Sequence 4, Application US/10407952
; Publication No. US20030232074A1
; GENERAL INFORMATION:
; APPLICANT: Lipford, Grayson
; APPLICANT: Bauer, Stefan
; TITLE OF INVENTION: Immunostimulatory G,U-Containing Oligoribonucleotides
; FILE REFERENCE: Col041.70037.US
; CURRENT APPLICATION NUMBER: US/10/407,952
; CURRENT FILING DATE: 2003-04-04
; PRIOR APPLICATION NUMBER: US 60/421,966
; PRIOR FILING DATE: 2002-10-29
; PRIOR APPLICATION NUMBER: US 60/370,515
; PRIOR FILING DATE: 2002-04-04
; NUMBER OF SEQ ID NOS: 39
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4
; LENGTH: 27
; TYPE: RNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-10-407-952-4

Query Match 100.0%; Score 20; DB 6; Length 27;
Best Local Similarity 100.0%; Pred. No. 0.023;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCAACTACTC 20
Db 23 TTTCGGACCCCAACTACTC 4

RESULT 17

US-10-475-024-20/c
; Sequence 20, Application US/10475024
; Publication No. US20040219545A1
; GENERAL INFORMATION:
; APPLICANT: Rando, Robert F.
; APPLICANT: Welch, Ellen
; TITLE OF INVENTION: METHODS FOR IDENTIFYING SMALL MOLECULES THAT BIND SPECIFIC RNA
; TITLE OF INVENTION: STRUCTURAL MOTIFS
; FILE REFERENCE: 10589-007-999
; CURRENT APPLICATION NUMBER: US/10/475,024
; CURRENT FILING DATE: 2003-10-10
; PRIOR APPLICATION NUMBER: 60/282,965
; PRIOR FILING DATE: 2001-04-11
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 20
; LENGTH: 27
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-475-024-20

Query Match 100.0%; Score 20; DB 8; Length 27;
Best Local Similarity 100.0%; Pred. No. 0.023;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTCGCGACCCCAACTACTC 20
Db 23 TTCGCGACCCCAACTACTC 4

RESULT 18

US-10-475-026-20/c
; Sequence 20, Application US/10475026
; Publication No. US20050142545A1
; GENERAL INFORMATION:
; APPLICANT: Conn, Michael Morgan
; APPLICANT: Pelligrini, Mathew
; APPLICANT: Hwang, Seongwoo
; APPLICANT: Moon, Young-choon
; APPLICANT: Almsstead, Neil
; TITLE OF INVENTION: METHODS FOR IDENTIFYING SMALL MOLECULES THAT BIND SPECIFIC RNA
; FILE REFERENCE: 10589-008
; CURRENT APPLICATION NUMBER: US/10/475,026
; PRIOR FILING DATE: 2003-10-10
; PRIOR APPLICATION NUMBER: 60/282,966
; PRIOR FILING DATE: 2001-04-11
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20
; LENGTH: 27
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-475-026-20

Query Match 100.0%; Score 20; DB 9; Length 27;
Best Local Similarity 100.0%; Pred. No. 0.023;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTCGCGACCCCAACTACTC 20
Db 23 TTCGCGACCCCAACTACTC 4

RESULT 19

US-08-887-505-68
; Sequence 68, Application US/08887505
; Publication No. US20020081577A1
; GENERAL INFORMATION:
; APPLICANT: Kilkuskie, Robert E.
; APPLICANT: Frank, Bruce L.
; APPLICANT: Goodchild, John
; APPLICANT: Wolfe, Jia L.
; APPLICANT: Roberts, Peter C.
; APPLICANT: Hamlin, Jr., Henry A.
; APPLICANT: Roberts, No. US20020081577A1 A.
; APPLICANT: Walther, Debra M.
; TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR
; HEPATITIS C VIRUS
; NUMBER OF SEQUENCES: 172
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hale and Dorr LLP
; STREET: 60 State Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/887.505
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 08/471,968
; FILING DATE: 06-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Kerner, Ann-Louise
; REGISTRATION NUMBER: 33,523
; REFERENCE/DOCKET NUMBER: HYZ-040CIP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 526-6000
; TELEFAX: (617) 526-5000
; INFORMATION FOR SEQ ID NO: 68:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 28 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
US-08-887-505-68

Query Match 100.0%; Score 20; DB 2; Length 28;
Best Local Similarity 100.0%; Pred. No. 0.023;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTCGCGACCCCAACTACTC 20
Db 1 TTCGCGACCCCAACTACTC 20

RESULT 20

US-08-887-505-74
; Sequence 74, Application US/08887505
; Publication No. US20020081577A1
; GENERAL INFORMATION:
; APPLICANT: Kilkuskie, Robert E.
; APPLICANT: Frank, Bruce L.
; APPLICANT: Goodchild, John
; APPLICANT: Wolfe, Jia L.
; APPLICANT: Roberts, Peter C.
; APPLICANT: Hamlin, Jr., Henry A.
; APPLICANT: Roberts, No. US20020081577A1 A.
; APPLICANT: Walther, Debra M.
; TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR
; HEPATITIS C VIRUS
; NUMBER OF SEQUENCES: 172
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hale and Dorr LLP
; STREET: 60 State Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/887.505
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/471,968
; FILING DATE: 06-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Kerner, Ann-Louise
; REGISTRATION NUMBER: 33,523
; REFERENCE/DOCKET NUMBER: HYZ-040CIP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 526-6000
; TELEFAX: (617) 526-5000
; INFORMATION FOR SEQ ID NO: 74:
; SEQUENCE CHARACTERISTICS:

; LENGTH: 28 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
US-08-887-505-74

Query Match 100.0%; Score 20; DB 2; Length 28;
Best Local Similarity 100.0%; Pred. No. 0.023;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCAACTACTC 20
Db 5 TTTCGGACCCCAACTACTC 24

RESULT 21

US-10-332-626-3/c
; Sequence 3, Application US/10332626
; Publication No. US20040073380A1
; GENERAL INFORMATION:
; APPLICANT: Joseph D. Puglisi
; TITLE OF INVENTION: Structural Targets of Hepatitis C Virus
; FILE REFERENCE: STAN-196
; CURRENT APPLICATION NUMBER: US/10/332,626
; CURRENT FILING DATE: 2003-09-08
; PRIOR APPLICATION NUMBER: PCT/US01/21871
; PRIOR FILING DATE: 2001-07-10
; PRIOR APPLICATION NUMBER: 60/217,673
; PRIOR FILING DATE: 2000-07-10
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 29
; TYPE: RNA
; ORGANISM: Hepatitis C virus
US-10-332-626-3

Query Match 100.0%; Score 20; DB 7; Length 29;
Best Local Similarity 100.0%; Pred. No. 0.023;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCAACTACTC 20
Db 24 TTTCGGACCCCAACTACTC 5

RESULT 22

US-09-790-417-181/c
; Sequence 181, Application US/09790417
; Patent No. US20010031470A1
; GENERAL INFORMATION:
; APPLICANT: Shultz, John W
; APPLICANT: Lewis, Martin K.
; APPLICANT: Lieppe, Donna
; APPLICANT: Mandrekar, Michelle
; APPLICANT: Kephart, Daniel
; APPLICANT: Rhodes, Richard B.
; APPLICANT: Andrews, Christine A.
; APPLICANT: Hartnett, James R.
; APPLICANT: Gu, Trent
; APPLICANT: Olson, Ryan J.
; APPLICANT: Wood, Keith W.
; APPLICANT: Welch, Roy
; TITLE OF INVENTION: Nucleic Acid Detection
; FILE REFERENCE: Pto-103 6868/75528
; CURRENT APPLICATION NUMBER: US/09/790,417
; CURRENT FILING DATE: 2001-02-22
; PRIOR APPLICATION NUMBER: 09/358,972
; PRIOR FILING DATE: 1999-07-21

; PRIOR APPLICATION NUMBER: 09/042,287
; PRIOR FILING DATE: 1998-03-13
; NUMBER OF SEQ ID NOS: 290
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 181
; LENGTH: 40
; TYPE: DNA
; ORGANISM: Hepatitis C virus
; FEATURE:
; OTHER INFORMATION: probe for Hepatitis C
US-09-790-417-181

Query Match 100.0%; Score 20; DB 3; Length 40;
Best Local Similarity 100.0%; Pred. No. 0.022;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCAACTACTC 20
Db 29 TTTCGGACCCCAACTACTC 10

RESULT 23

US-09-780-863-43/c
; Sequence 43, Application US/09780863
; Publication No. US20030203358A1
; GENERAL INFORMATION:
; APPLICANT: Shultz, John W
; APPLICANT: Lewis, Martin K
; APPLICANT: Lieppe, Donna
; APPLICANT: Mandrekar, Michelle
; APPLICANT: Kephart, Daniel
; APPLICANT: Rhodes, Richard B
; APPLICANT: Andrews, Christine A
; APPLICANT: Hartnett, James R
; APPLICANT: Gu, Trent
; APPLICANT: Wood, Keith V
; APPLICANT: Welch, Roy
; TITLE OF INVENTION: EXOGENOUS NUCLEIC ACID DETECTION
; FILE REFERENCE: EXOGENOUS NUCLEIC ACID DETECTION
; CURRENT APPLICATION NUMBER: US/09/780,863
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/406,147
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-09-27
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/252,436
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-02-18
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/042,287
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-03-13
; NUMBER OF SEQ ID NOS: 92
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 43
; LENGTH: 40
; TYPE: DNA
; ORGANISM: Hepatitis C virus
US-09-780-863-43

Query Match 100.0%; Score 20; DB 3; Length 40;
Best Local Similarity 100.0%; Pred. No. 0.022;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCAACTACTC 20
Db 29 TTTCGGACCCCAACTACTC 10

RESULT 24

US-09-790-457-181/c
; Sequence 181, Application US/09790457
; Publication No. US20050214753A1
; GENERAL INFORMATION:
; APPLICANT: Shultz, John W
; APPLICANT: Lewis, Martin K.
; APPLICANT: Lieppe, Donna
; APPLICANT: Mandrekar, Michelle

; APPLICANT: Kephart, Daniel
; APPLICANT: Rhodes, Richard B.
; APPLICANT: Andrews, Christine A.
; APPLICANT: Hartnett, James R.
; APPLICANT: Gu, Trent
; APPLICANT: Olson, Ryan J.
; APPLICANT: Wood, Keith W.
; APPLICANT: Welch, Roy
; TITLE OF INVENTION: Nucleic Acid Detection
; FILE REFERENCE: Pro-103 6868/75528
; CURRENT APPLICATION NUMBER: US/09/790,457
; CURRENT FILING DATE: 2001-02-22
; PRIOR APPLICATION NUMBER: US/09/358,972
; PRIOR FILING DATE: 1999-07-22
; PRIOR APPLICATION NUMBER: 09/252,436
; PRIOR FILING DATE: 1999-02-18
; PRIOR APPLICATION NUMBER: 09/042,287
; PRIOR FILING DATE: 1998-03-13
; NUMBER OF SEQ ID NOS: 290
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 181
; LENGTH: 40
; TYPE: DNA
; ORGANISM: Hepatitis C virus
; FEATURE:
; OTHER INFORMATION: probe for Hepatitis C
US-09-790-457-181

Query Match 100.0%; Score 20; DB 3; Length 40;
Best Local Similarity 100.0%; Pred. No. 0.022;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTTCGGACCCCACTACTC 20
DB 29 TTTCGGACCCCACTACTC 10
|||||

RESULT 25
US-10-318-416B-6/c
; Sequence 6, Application US/10318416B
; Publication No. US20040115643A1
; GENERAL INFORMATION:
; APPLICANT: Lizardi, Paul M.
; APPLICANT: Gribanov, Oleg G.
; TITLE OF INVENTION: THERMODYNAMIC EQUILIBRIUM EXTENSION OF
; FILE REFERENCE: 25006.0012U1
; CURRENT APPLICATION NUMBER: US/10/318,416B
; CURRENT FILING DATE: 2002-12-12
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 6
; LENGTH: 40
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:/note =
; OTHER INFORMATION: synthetic construct
US-10-318-416B-6

Query Match 100.0%; Score 20; DB 7; Length 40;
Best Local Similarity 100.0%; Pred. No. 0.022;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTTCGGACCCCACTACTC 20
DB 31 TTTCGGACCCCACTACTC 12
|||||

RESULT 26
US-10-318-416B-18/c
; Sequence 18, Application US/10318416B
; Publication No. US20040115643A1

; GENERAL INFORMATION:
; APPLICANT: Lizardi, Paul M.
; APPLICANT: Gribanov, Oleg G.
; TITLE OF INVENTION: THERMODYNAMIC EQUILIBRIUM EXTENSION OF
; FILE REFERENCE: 25006.0012U1
; CURRENT APPLICATION NUMBER: US/10/318,416B
; CURRENT FILING DATE: 2002-12-12
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 18
; LENGTH: 40
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:/note =
; OTHER INFORMATION: synthetic construct
US-10-318-416B-18

Query Match 100.0%; Score 20; DB 7; Length 40;
Best Local Similarity 100.0%; Pred. No. 0.022;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTTCGGACCCCACTACTC 20
DB 31 TTTCGGACCCCACTACTC 12
|||||

RESULT 27
US-10-318-416B-19/c
; Sequence 19, Application US/10318416B
; Publication No. US20040115643A1
; GENERAL INFORMATION:
; APPLICANT: Lizardi, Paul M.
; APPLICANT: Gribanov, Oleg G.
; TITLE OF INVENTION: THERMODYNAMIC EQUILIBRIUM EXTENSION OF
; FILE REFERENCE: 25006.0012U1
; CURRENT APPLICATION NUMBER: US/10/318,416B
; CURRENT FILING DATE: 2002-12-12
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 19
; LENGTH: 40
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:/note =
; OTHER INFORMATION: synthetic construct
US-10-318-416B-19

Query Match 100.0%; Score 20; DB 7; Length 40;
Best Local Similarity 100.0%; Pred. No. 0.022;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTTCGGACCCCACTACTC 20
DB 31 TTTCGGACCCCACTACTC 12
|||||

RESULT 28
US-09-870-939-1/c
; Sequence 1, Application US/09870939
; Publication No. US20020192650A1
; GENERAL INFORMATION:
; APPLICANT: AMORESE, DOUGLAS A.
; APPLICANT: SHANNON, KAREN W.
; APPLICANT: COLLINS, PATRICK J.
; APPLICANT: WOLBER, PAUL K.
; TITLE OF INVENTION: COMPOSITE ARRAYS
; FILE REFERENCE: 10010791-1
; CURRENT APPLICATION NUMBER: US/09/870,939
; CURRENT FILING DATE: 2001-10-12

```
; NUMBER OF SEQ ID NOS: 1
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1
;   LENGTH: 60
;   TYPE: DNA
;   ORGANISM: Hepatitis C virus
US-09-870-939-1

Query Match      100.0%; Score 20; DB 3; Length 60;
Best Local Similarity 100.0%; Pred. No. 0.021;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCAACTACTC 20
Db 24 TTTCGGACCCCAACTACTC 5

RESULT 29
US-09-728-265-31
; Sequence 31, Application US/09728265
; Publication No. US20020182598A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, David Y.
; TITLE OF INVENTION: NUCLEIC ACID AMPLIFICATION METHOD:
; FILE REFERENCE: A29545-A-PCT-USA-A 070165.0601
; CURRENT APPLICATION NUMBER: US/09/728,265
; NUMBER OF SEQUENCES: 42
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Stroock & Stroock & Lavan
; STREET: 180 Maiden Lane
; CITY: New York
; STATE: NY
; COUNTRY: USA
; ZIP: 10038
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC DOS/MSDOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/728,265
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Pokotilow, Steven B
; REGISTRATION NUMBER: 26,405
; REFERENCE/DOCKET NUMBER: Old 29545APCT/USA-B // New 251305/0018
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212806-6663
; TELEFAX: 2128066006
; INFORMATION FOR SEQ ID NO: 31:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 108 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1..108
US-09-728-265-31

Query Match      100.0%; Score 20; DB 3; Length 108;
Best Local Similarity 100.0%; Pred. No. 0.021;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCAACTACTC 20
Db 4 TTTCGGACCCCAACTACTC 23

RESULT 30
US-09-978-261A-31
; Sequence 31, Application US/09978261A
```

```
; Publication No. US20030175706A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, David Y.
; TITLE OF INVENTION: NUCLEIC ACID AMPLIFICATION METHODS
; FILE REFERENCE: A29545-A-PCT-USA-A 070165.0601
; CURRENT APPLICATION NUMBER: US/09/978,261A
; CURRENT FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: 08/263,937
; PRIOR FILING DATE: 1994-06-22
; PRIOR APPLICATION NUMBER: 08/596,331
; PRIOR FILING DATE: 1996-02-22
; PRIOR APPLICATION NUMBER: 08/690,495
; PRIOR FILING DATE: 1996-07-31
; PRIOR APPLICATION NUMBER: 08/909,031
; PRIOR FILING DATE: 1997-08-11
; PRIOR APPLICATION NUMBER: 09/728,265
; PRIOR FILING DATE: 2000-12-01
; NUMBER OF SEQ ID NOS: 42
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 31
;   LENGTH: 108
;   TYPE: DNA
;   ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide probe
US-09-978-261A-31

Query Match      100.0%; Score 20; DB 3; Length 108;
Best Local Similarity 100.0%; Pred. No. 0.021;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCAACTACTC 20
Db 4 TTTCGGACCCCAACTACTC 23

RESULT 31
US-10-309-438-31
; Sequence 31, Application US/10309438
; Publication No. US20030190604A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, David Y.
; APPLICANT: Brandwein, Maraget
; APPLICANT: Hsu, Terence C.H.
; TITLE OF INVENTION: Nucleic Acid Amplification Method: Ramification-extension
; FILE REFERENCE: 251305/0031
; CURRENT APPLICATION NUMBER: US/10/309,438
; CURRENT FILING DATE: 2003-04-08
; PRIOR APPLICATION NUMBER: US 09/299,217
; PRIOR FILING DATE: 1999-04-23
; PRIOR APPLICATION NUMBER: US 08/690,494
; PRIOR FILING DATE: 1996-07-31
; PRIOR APPLICATION NUMBER: US 08/596,331
; PRIOR FILING DATE: 1996-05-20
; PRIOR APPLICATION NUMBER: PCT/US95/07671
; PRIOR FILING DATE: 1995-06-14
; PRIOR APPLICATION NUMBER: 08/263,937
; PRIOR FILING DATE: 1994-06-22
; NUMBER OF SEQ ID NOS: 42
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 31
;   LENGTH: 108
;   TYPE: DNA
;   ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer
US-10-309-438-31

Query Match      100.0%; Score 20; DB 6; Length 108;
Best Local Similarity 100.0%; Pred. No. 0.021;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

QY 1 TTTCGGACCCCAACTACTC 20
Db 4 TTTCGGACCCCAACTACTC 23

RESULT 32

US-10-719-480-31
; Sequence 31, Application US/10719480
; Publication No. US20040137484A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, David Y.
; APPLICANT: Yi, Jizu
; APPLICANT: Zhang, Wandu
; TITLE OF INVENTION: Nucleic Acid Amplification Methods
; FILE REFERENCE: 251305/0040
; CURRENT APPLICATION NUMBER: US/10/719,480
; CURRENT FILING DATE: 2003-11-21
; PRIOR APPLICATION NUMBER: US 09/978,261
; PRIOR FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: PCT/US02/32754
; PRIOR FILING DATE: 2002-10-11
; NUMBER OF SEQ ID NOS: 49
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 31
; LENGTH: 108
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer
US-10-719-480-31

Query Match 100.0%; Score 20; DB 7; Length 108;
Best Local Similarity 100.0%; Pred. No. 0.021;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTTCGGACCCCAACTACTC 20
Db 4 TTTCGGACCCCAACTACTC 23

RESULT 33

US-10-396-964-12/c
; Sequence 12, Application US/10396964
; Publication No. US20030198946A1
; GENERAL INFORMATION:
; APPLICANT: Simmonds, Peter
; APPLICANT: Chan, Shiu-Wan
; APPLICANT: Yap, Peng L.
; TITLE OF INVENTION: Hepatitis-C Virus Testing
; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Bell, Seltzer, Park & Gibson, P.A.
; STREET: 1211 East Morehead Street
; CITY: Charlotte
; STATE: No. US20030198946A1th Carolina
; COUNTRY: United States
; ZIP: 28234
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0. Version #1.30
; APPLICATION NUMBER: US/10/396,964
; FILING DATE: 23-MARCH-2003
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/244,116B
; FILING DATE: 15-JUL-1994
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/GB92/02143
; FILING DATE: 20-NOV-1992

; ATTORNEY/AGENT INFORMATION:
; NAME: Sibley, Kenneth D.
; REGISTRATION NUMBER: 31,665
; REFERENCE/DOCKET NUMBER: 1749-125
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 704-377-1561
; TELEFAX: 704-334-2014

; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 194 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Hepatitis-C virus
US-10-396-964-12

Query Match 100.0%; Score 20; DB 6; Length 194;
Best Local Similarity 100.0%; Pred. No. 0.02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTTCGGACCCCAACTACTC 20
Db 189 TTTCGGACCCCAACTACTC 170

RESULT 34

US-10-688-272-19/c
; Sequence 19, Application US/10688272
; Publication No. US20040091924A1
; GENERAL INFORMATION:
; APPLICANT: GenMatrix Inc.; Kim, Nam-Keun
; TITLE OF INVENTION: Method for detecting base mutation
; FILE REFERENCE: 11281-014-999
; CURRENT APPLICATION NUMBER: US/10/688,272
; CURRENT FILING DATE: 2003-10-17
; PRIOR APPLICATION NUMBER: KR2002-0063832
; PRIOR FILING DATE: 2002-10-18
; PRIOR APPLICATION NUMBER: KR2003-0061066
; PRIOR FILING DATE: 2003-09-02
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: KopatentIn 1.71
; SEQ ID NO 19
; LENGTH: 226
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Resulting PCR fragment
US-10-688-272-19

Query Match 100.0%; Score 20; DB 7; Length 226;
Best Local Similarity 100.0%; Pred. No. 0.02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTTCGGACCCCAACTACTC 20
Db 200 TTTCGGACCCCAACTACTC 181

RESULT 35

US-10-688-272-22/c
; Sequence 22, Application US/10688272
; Publication No. US20040091924A1
; GENERAL INFORMATION:
; APPLICANT: GenMatrix Inc.; Kim, Nam-Keun
; TITLE OF INVENTION: Method for detecting base mutation
; FILE REFERENCE: 11281-014-999
; CURRENT APPLICATION NUMBER: US/10/688,272
; CURRENT FILING DATE: 2003-10-17
; PRIOR APPLICATION NUMBER: KR2002-0063832

```
; PRIOR FILING DATE: 2002-10-18
; PRIOR APPLICATION NUMBER: KR2003-0061066
; PRIOR FILING DATE: 2003-09-02
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: Kopatentin 1.71
; SEQ ID NO 22
; LENGTH: 230
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Resulting PCR fragment
US-10-688-272-22

Query Match          100.0%; Score 20; DB 7; Length 230;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCAACTACTC 20
    |||||
Db 204 TTTCGGACCCCAACTACTC 185

RESULT 36
US-10-688-272-23
; Sequence 23, Application US/10688272
; Publication No. US20040091924A1
; GENERAL INFORMATION:
; APPLICANT: GenMatrix Inc.; Kim, Nam-Keun
; TITLE OF INVENTION: Method for detecting base mutation
; FILE REFERENCE: 11281-014-999
; CURRENT APPLICATION NUMBER: US/10/688,272
; CURRENT FILING DATE: 2003-10-17
; PRIOR APPLICATION NUMBER: KR2002-0063832
; PRIOR FILING DATE: 2002-10-18
; PRIOR APPLICATION NUMBER: KR2003-0061066
; PRIOR FILING DATE: 2003-09-02
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: Kopatentin 1.71
; SEQ ID NO 23
; LENGTH: 230
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Resulting PCR fragment
US-10-688-272-23

Query Match          100.0%; Score 20; DB 7; Length 230;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCAACTACTC 20
    |||||
Db 27 TTTCGGACCCCAACTACTC 46

RESULT 37
US-09-825-574-37/c
; Sequence 37, Application US/09825574
; Patent No. US20020119454A1
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor I.
;           Brow, Mary Ann D.
;           Fors, Lance
;           Neri, Bruce P.
; TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
;                   Structure Probing With Structure-Bridging
;                   Oligonucleotides.
; NUMBER OF SEQUENCES: 51
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL, LLP
; STREET: 220 Montgomery Street, Suite 2200
; CITY: San Francisco
; STATE: CA
```

```
; COUNTRY: USA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/825,574
; FILING DATE: 03-Apr-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/934,097
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: MacKnight, Kamrin T.
; REGISTRATION NUMBER: 38,230
; REFERENCE/DOCKET NUMBER: FORS-02980
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 37:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 232 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "DNA"
; SEQUENCE DESCRIPTION: SEQ ID NO: 37:
US-09-825-574-37

Query Match          100.0%; Score 20; DB 3; Length 232;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCAACTACTC 20
    |||||
Db 199 TTTCGGACCCCAACTACTC 180

RESULT 38
US-09-882-945A-37/c
; Sequence 37, Application US/09882945A
; Publication No. US20030143535A1
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor
; APPLICANT: Allawi, Hatim
; APPLICANT: Dong, Fang
; APPLICANT: Neri, Bruce
; APPLICANT: Vener, Tatiana
; TITLE OF INVENTION: Nucleic Acid Accessible Hybridization Sites
; FILE REFERENCE: FORS-04586
; CURRENT APPLICATION NUMBER: US/09/882,945A
; CURRENT FILING DATE: 2001-06-15
; NUMBER OF SEQ ID NOS: 334
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 37
; LENGTH: 232
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-882-945A-37

Query Match          100.0%; Score 20; DB 3; Length 232;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCAACTACTC 20
    |||||
Db 199 TTTCGGACCCCAACTACTC 180
```



```
RESULT 39
US-10-807-114-37/c
; Sequence 37, Application US/10807114
; Publication No. US20040235024A1
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor
; APPLICANT: Allawi, Hatim
; APPLICANT: Dong, Fang
; APPLICANT: Neri, Bruce
; APPLICANT: Vener, Tatiana
; TITLE OF INVENTION: Nucleic Acid Accessible Hybridization Sites
; FILE REFERENCE: FORS-04586
; CURRENT FILING DATE: 2004-03-23
; CURRENT APPLICATION NUMBER: US/10/807,114
; PRIOR APPLICATION NUMBER: US/09/882,945
; PRIOR FILING DATE: 2001-06-15
; NUMBER OF SEQ ID NOS: 334
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 37
; LENGTH: 232
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-807-114-37
Query Match 100.0%; Score 20; DB 8; Length 232;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTCCGACCCCAACTACTC 20
Db 199 TTCCGACCCCAACTACTC 180

RESULT 40
US-10-655-362-37/c
; Sequence 37, Application US/10655362
; Publication No. US20050014163A1
; GENERAL INFORMATION:
; APPLICANT: Dong, Fang
; APPLICANT: Lyamichev, Victor
; APPLICANT: Prudent, James
; APPLICANT: Fors, Lance
; APPLICANT: Neri, Bruce
; APPLICANT: Brow, Mary Ann
; APPLICANT: Anderson, Todd
; APPLICANT: Dahlberg, James
; TITLE OF INVENTION: Target-Dependent Reactions Using Structure-Bridging Oligonucleotides
; FILE REFERENCE: FORS-04012
; CURRENT APPLICATION NUMBER: US/10/655,362
; CURRENT FILING DATE: 2003-09-04
; PRIOR APPLICATION NUMBER: US/09/402,618B
; PRIOR FILING DATE: 2000-07-18
; PRIOR APPLICATION NUMBER: PCT/US98/03194
; PRIOR FILING DATE: 1998-05-05
; NUMBER OF SEQ ID NOS: 128
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 37
; LENGTH: 232
; TYPE: DNA
; ORGANISM: Hepatitis C virus
US-10-655-362-37
Query Match 100.0%; Score 20; DB 8; Length 232;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTCCGACCCCAACTACTC 20
Db 199 TTCCGACCCCAACTACTC 180

RESULT 41
US-09-825-574-32/c
; Sequence 32, Application US/09825574
; Patent No. US20020119454A1
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor I.
; APPLICANT: Brow, Mary Ann D.
; APPLICANT: Fors, Lance
; APPLICANT: Neri, Bruce P.
; TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
; Structure Probing With Structure-Bridging
; Oligonucleotides.
; NUMBER OF SEQUENCES: 51
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL, LLP
; STREET: 220 Montgomery Street, Suite 2200
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION NUMBER: US/09/825,574
; FILING DATE: 03-Apr-2001
; CLASSIFICATION: <unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/934,097
; FILING DATE: <unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: MacKnight, Kamrin T.
; REGISTRATION NUMBER: 38,230
; REFERENCE/DOCKET NUMBER: FORS-02980
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 32:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 239 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "DNA"
; SEQUENCE DESCRIPTION: SEQ ID NO: 32:
US-09-825-574-32
Query Match 100.0%; Score 20; DB 3; Length 239;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTCCGACCCCAACTACTC 20
Db 206 TTCCGACCCCAACTACTC 187

RESULT 42
US-09-825-574-36/c
; Sequence 36, Application US/09825574
; Patent No. US20020119454A1
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor I.
; APPLICANT: Brow, Mary Ann D.
; APPLICANT: Fors, Lance
; APPLICANT: Neri, Bruce P.
; TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
; Structure Probing With Structure-Bridging
; Oligonucleotides.
; NUMBER OF SEQUENCES: 51
```

;;
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: MEDLEN & CARROLL, LLP
;; STREET: 220 Montgomery Street, Suite 2200
;; CITY: San Francisco
;; STATE: CA
;; COUNTRY: USA
;; ZIP: 94104
;;
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: PatentIn Release #1.0, Version #1.30
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/09/825,574
;; FILING DATE: 03-Apr-2001
;; CLASSIFICATION: <unknown>
;;
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 08/934,097
;; FILING DATE: <unknown>
;; ATTORNEY/AGENT INFORMATION:
;; NAME: MacKnight, Kamrin T.
;; REGISTRATION NUMBER: 38,230
;; REFERENCE/DOCKET NUMBER: FORS-02980
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (415) 705-8410
;; TELEFAX: (415) 397-8338
;;
;; INFORMATION FOR SEQ ID NO: 36:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 239 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: double
;; TOPOLOGY: linear
;; MOLECULE TYPE: other nucleic acid
;; DESCRIPTION: /desc = "DNA"
;;
;; SEQUENCE DESCRIPTION: SEQ ID NO: 36:
US-09-825-574-36

Query Match 100.0%; Score 20; DB 3; Length 239;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTCCGACCCCAACTACTC 20
|||||
Db 206 TTCCGACCCCAACTACTC 187

RESULT 43
US-09-882-945A-32/c
; Sequence 32, Application US/09882945A
; Publication No. US20030143535A1
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor
; APPLICANT: Allawi, Hatim
; APPLICANT: Dong, Fang
; APPLICANT: Neri, Bruce
; APPLICANT: Vener, Tatiana
; TITLE OF INVENTION: Nucleic Acid Accessible Hybridization Sites
; FILE REFERENCE: FORS-04586
; CURRENT APPLICATION NUMBER: US/09/882,945A
; CURRENT FILING DATE: 2001-06-15
; NUMBER OF SEQ ID NOS: 334
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 32
; LENGTH: 239
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-882-945A-32

Query Match 100.0%; Score 20; DB 3; Length 239;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTCCGACCCCAACTACTC 20
|||||
Db 206 TTCCGACCCCAACTACTC 187

RESULT 44
US-09-882-945A-36/c
; Sequence 36, Application US/09882945A
; Publication No. US20030143535A1
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor
; APPLICANT: Allawi, Hatim
; APPLICANT: Dong, Fang
; APPLICANT: Neri, Bruce
; APPLICANT: Vener, Tatiana
; TITLE OF INVENTION: Nucleic Acid Accessible Hybridization Sites
; FILE REFERENCE: FORS-04586
; CURRENT APPLICATION NUMBER: US/09/882,945A
; CURRENT FILING DATE: 2001-06-15
; NUMBER OF SEQ ID NOS: 334
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 36
; LENGTH: 239
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-882-945A-36

Query Match 100.0%; Score 20; DB 3; Length 239;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTCCGACCCCAACTACTC 20
|||||
Db 206 TTCCGACCCCAACTACTC 187

RESULT 45
US-10-807-114-32/c
; Sequence 32, Application US/10807114
; Publication No. US20040235024A1
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor
; APPLICANT: Allawi, Hatim
; APPLICANT: Dong, Fang
; APPLICANT: Neri, Bruce
; APPLICANT: Vener, Tatiana
; TITLE OF INVENTION: Nucleic Acid Accessible Hybridization Sites
; FILE REFERENCE: FORS-04586
; CURRENT APPLICATION NUMBER: US/10/807,114
; CURRENT FILING DATE: 2004-03-23
; PRIOR APPLICATION NUMBER: US/09/882,945
; PRIOR FILING DATE: 2001-06-15
; NUMBER OF SEQ ID NOS: 334
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 32
; LENGTH: 239
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-807-114-32

Query Match 100.0%; Score 20; DB 8; Length 239;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTCCGACCCCAACTACTC 20
|||||
Db 206 TTCCGACCCCAACTACTC 187

```
RESULT 46
US-10-807-114-36/c
; Sequence 36, Application US/10807114
; Publication No. US20040235024A1
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor
; APPLICANT: Allawi, Hatim
; APPLICANT: Dong, Fang
; APPLICANT: Neri, Bruce
; APPLICANT: Vener, Tatiana
; TITLE OF INVENTION: Nucleic Acid Accessible-Hybridization Sites
; FILE REFERENCE: FORS-04586
; CURRENT APPLICATION NUMBER: US/10/807,114
; CURRENT FILING DATE: 2004-03-23
; PRIOR APPLICATION NUMBER: US/09/882,945
; PRIOR FILING DATE: 2001-06-15
; NUMBER OF SEQ ID NOS: 334
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 36
; LENGTH: 239
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-807-114-36

Query Match      100.0%; Score 20; DB 8; Length 239;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTCGCGACCCCACTACTC 20
Db 206 TTCGCGACCCCACTACTC 187

RESULT 47
US-10-655-362-32/c
; Sequence 32, Application US/10655362
; Publication No. US20050014163A1
; GENERAL INFORMATION:
; APPLICANT: Dong, Fang
; APPLICANT: Lyamichev, Victor
; APPLICANT: Prudent, James
; APPLICANT: Fors, Lance
; APPLICANT: Neri, Bruce
; APPLICANT: Brow, Mary Ann
; APPLICANT: Anderson, Todd
; APPLICANT: Dahlberg, James
; TITLE OF INVENTION: Target-Dependent Reactions Using Structure-Bridging Oligonucleotides
; FILE REFERENCE: FORS-04012
; CURRENT APPLICATION NUMBER: US/10/655,362
; CURRENT FILING DATE: 2003-09-04
; PRIOR APPLICATION NUMBER: US/09/402,618B
; PRIOR FILING DATE: 2000-07-18
; PRIOR APPLICATION NUMBER: PCT/US98/03194
; PRIOR FILING DATE: 1998-05-05
; NUMBER OF SEQ ID NOS: 128
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 32
; LENGTH: 239
; TYPE: DNA
; ORGANISM: Hepatitis C virus
US-10-655-362-32

Query Match      100.0%; Score 20; DB 8; Length 239;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTCGCGACCCCACTACTC 20
Db 206 TTCGCGACCCCACTACTC 187

RESULT 48
US-10-655-362-36/c
; Sequence 36, Application US/10655362
; Publication No. US20050014163A1
; GENERAL INFORMATION:
; APPLICANT: Dong, Fang
; APPLICANT: Lyamichev, Victor
; APPLICANT: Prudent, James
; APPLICANT: Fors, Lance
; APPLICANT: Neri, Bruce
; APPLICANT: Brow, Mary Ann
; APPLICANT: Anderson, Todd
; APPLICANT: Dahlberg, James
; TITLE OF INVENTION: Target-Dependent Reactions Using Structure-Bridging Oligonucleotides
; FILE REFERENCE: FORS-04012
; CURRENT APPLICATION NUMBER: US/10/655,362
; CURRENT FILING DATE: 2003-09-04
; PRIOR APPLICATION NUMBER: US/09/402,618B
; PRIOR FILING DATE: 2000-07-18
; PRIOR APPLICATION NUMBER: PCT/US98/03194
; PRIOR FILING DATE: 1998-05-05
; NUMBER OF SEQ ID NOS: 128
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 36
; LENGTH: 239
; TYPE: DNA
; ORGANISM: Hepatitis C virus
US-10-655-362-36

Query Match      100.0%; Score 20; DB 8; Length 239;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTCGCGACCCCACTACTC 20
Db 206 TTCGCGACCCCACTACTC 187

RESULT 49
US-10-927-520-9/c
; Sequence 9, Application US/10927520
; Publication No. US20050069870A1
; GENERAL INFORMATION:
; APPLICANT: Innogenetics N.V.
; TITLE OF INVENTION: New HCV clade and prototype sequences thereof
; FILE REFERENCE: 157
; CURRENT APPLICATION NUMBER: US/10/927,520
; CURRENT FILING DATE: 2004-08-27
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 9
; LENGTH: 239
; TYPE: DNA
; ORGANISM: hepatitis C virus
US-10-927-520-9

Query Match      100.0%; Score 20; DB 9; Length 239;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTCGCGACCCCACTACTC 20
Db 200 TTCGCGACCCCACTACTC 181

RESULT 50
US-10-927-520-10/c
; Sequence 10, Application US/10927520
; Publication No. US20050069870A1
; GENERAL INFORMATION:
; APPLICANT: Innogenetics N.V.
; TITLE OF INVENTION: New HCV clade and prototype sequences thereof
```

FILE REFERENCE: 157
CURRENT APPLICATION NUMBER: US/10/927,520
CURRENT FILING DATE: 2004-08-27
NUMBER OF SEQ ID NOS: 19
SOFTWARE: PatentIn version 3.1
SEQ ID NO 10
LENGTH: 239
TYPE: DNA
ORGANISM: hepatitis C virus
US-10-927-520-10

Query Match 100.0%; Score 20; DB 9; Length 239;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTCCGGACCCCAACTACTC 20
|||||
Db 200 TTCCGGACCCCAACTACTC 181

RESULT 51
US-09-825-574-33/c
Sequence 33, Application US/09825574
Patent No. US20020119454A1
GENERAL INFORMATION:
APPLICANT: Lyamichev, Victor I.
Brow, Mary Ann D.
Fors, Lance
Neri, Bruce P.

TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
Structure Probing With Structure-Bridging
Oligonucleotides.

NUMBER OF SEQUENCES: 51
CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
STATE: CA
COUNTRY: USA
ZIP: 94104

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/825,574
FILING DATE: 03-Apr-2001
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/934,097
FILING DATE: <Unknown>

ATTORNEY/AGENT INFORMATION:
NAME: Macknight, Kamrin T.
REGISTRATION NUMBER: 38,230
REFERENCE/DOCKET NUMBER: FORS-02980
TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338

INFORMATION FOR SEQ ID NO: 33:
SEQUENCE CHARACTERISTICS:
LENGTH: 240 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"

SEQUENCE DESCRIPTION: SEQ ID NO: 33:

Query Match 100.0%; Score 20; DB 3; Length 240;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTCCGGACCCCAACTACTC 20
|||||
Db 207 TTCCGGACCCCAACTACTC 188

RESULT 52
US-09-825-574-35/c
Sequence 35, Application US/09825574
Patent No. US20020119454A1
GENERAL INFORMATION:
APPLICANT: Lyamichev, Victor I.
Brow, Mary Ann D.
Fors, Lance
Neri, Bruce P.

TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
Structure Probing With Structure-Bridging
Oligonucleotides.

NUMBER OF SEQUENCES: 51
CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
STATE: CA
COUNTRY: USA
ZIP: 94104

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/825,574
FILING DATE: 03-Apr-2001
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/934,097
FILING DATE: <Unknown>

ATTORNEY/AGENT INFORMATION:
NAME: Macknight, Kamrin T.

REGISTRATION NUMBER: 38,230
REFERENCE/DOCKET NUMBER: FORS-02980

TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338

INFORMATION FOR SEQ ID NO: 35:
SEQUENCE CHARACTERISTICS:

LENGTH: 240 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
SEQUENCE DESCRIPTION: SEQ ID NO: 35:

Query Match 100.0%; Score 20; DB 3; Length 240;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTCCGGACCCCAACTACTC 20
|||||
Db 207 TTCCGGACCCCAACTACTC 188

RESULT 53
US-09-825-574-38/c
Sequence 38, Application US/09825574
Patent No. US20020119454A1
GENERAL INFORMATION:
APPLICANT: Lyamichev, Victor I.
Brow, Mary Ann D.
Fors, Lance

;; Neri, Bruce P.
;; TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
;; Structure Probing With Structure-Bridging
;; Oligonucleotides.
;;
;; NUMBER OF SEQUENCES: 51
;; CORRESPONDENCE ADDRESS:
;; ADDRESSER: MEDLEN & CARROLL, LLP
;; STREET: 220 Montgomery Street, Suite 2200
;; CITY: San Francisco
;; STATE: CA
;; COUNTRY: USA
;; ZIP: 94104
;;
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: Patent In Release #1.0, Version #1.30
;;
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/09/825,574
;; FILING DATE: 03-Apr-2001
;; CLASSIFICATION: <Unknown>
;;
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 08/934,097
;; FILING DATE: <Unknown>
;;
;; ATTORNEY/AGENT INFORMATION:
;; NAME: MacKnight, Kamrin T.
;; REGISTRATION NUMBER: 38,230
;; REFERENCE/DOCKET NUMBER: FORS-02980
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (415) 705-8410
;; TELEFAX: (415) 397-8338
;;
;; INFORMATION FOR SEQ ID NO: 38:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 240 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: double
;; TOPOLOGY: linear
;; MOLECULE TYPE: other nucleic acid
;; DESCRIPTION: /desc = "DNA"
;; SEQUENCE DESCRIPTION: SEQ ID NO: 38:
US-09-825-574-38
Query Match 100.0%; Score 20; DB 3; Length 240;
Best Local Similarity 100.0%; Pred. No. 0.019; Indels 0; Gaps 0;
Matches 20; Conservative 0; Mismatches 0;
Qy 1 TTCGCGACCCCAACTACTC 20
Db 208 TTCGCGACCCCAACTACTC 189
RESULT 54
US-09-882-945A-33/c
; Sequence 33, Application US/09882945A
; Publication No. US20030143535A1
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor
; APPLICANT: Allawi, Hatim
; APPLICANT: Dong, Fang
; APPLICANT: Neri, Bruce
; APPLICANT: Vener, Tatiana
; TITLE OF INVENTION: Nucleic Acid Accessible Hybridization Sites
; FILE REFERENCE: FORS-04586
; CURRENT APPLICATION NUMBER: US/09/882,945A
; CURRENT FILING DATE: 2001-06-15
; NUMBER OF SEQ ID NOS: 334
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 33
; LENGTH: 240
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
;

US-09-882-945A-33
Query Match 100.0%; Score 20; DB 3; Length 240;
Best Local Similarity 100.0%; Pred. No. 0.019; Indels 0; Gaps 0;
Matches 20; Conservative 0; Mismatches 0;
Qy 1 TTCGCGACCCCAACTACTC 20
Db 207 TTCGCGACCCCAACTACTC 188
RESULT 55
US-09-882-945A-35/c
; Sequence 35, Application US/09882945A
; Publication No. US20030143535A1
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor
; APPLICANT: Allawi, Hatim
; APPLICANT: Dong, Fang
; APPLICANT: Neri, Bruce
; APPLICANT: Vener, Tatiana
; TITLE OF INVENTION: Nucleic Acid Accessible Hybridization Sites
; FILE REFERENCE: FORS-04586
; CURRENT APPLICATION NUMBER: US/09/882,945A
; CURRENT FILING DATE: 2001-06-15
; NUMBER OF SEQ ID NOS: 334
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 35
; LENGTH: 240
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-882-945A-35
Query Match 100.0%; Score 20; DB 3; Length 240;
Best Local Similarity 100.0%; Pred. No. 0.019; Indels 0; Gaps 0;
Matches 20; Conservative 0; Mismatches 0;
Qy 1 TTCGCGACCCCAACTACTC 20
Db 207 TTCGCGACCCCAACTACTC 188
RESULT 56
US-09-882-945A-38/c
; Sequence 38, Application US/09882945A
; Publication No. US20030143535A1
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor
; APPLICANT: Allawi, Hatim
; APPLICANT: Dong, Fang
; APPLICANT: Neri, Bruce
; APPLICANT: Vener, Tatiana
; TITLE OF INVENTION: Nucleic Acid Accessible Hybridization Sites
; FILE REFERENCE: FORS-04586
; CURRENT APPLICATION NUMBER: US/09/882,945A
; CURRENT FILING DATE: 2001-06-15
; NUMBER OF SEQ ID NOS: 334
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 38
; LENGTH: 240
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-882-945A-38
Query Match 100.0%; Score 20; DB 3; Length 240;
Best Local Similarity 100.0%; Pred. No. 0.019; Indels 0; Gaps 0;
Matches 20; Conservative 0; Mismatches 0;
Qy 1 TTCGCGACCCCAACTACTC 20
Db 207 TTCGCGACCCCAACTACTC 188
RESULT 57
US-09-882-945A-39/c
; Sequence 39, Application US/09882945A
; Publication No. US20030143535A1
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor
; APPLICANT: Allawi, Hatim
; APPLICANT: Dong, Fang
; APPLICANT: Neri, Bruce
; APPLICANT: Vener, Tatiana
; TITLE OF INVENTION: Nucleic Acid Accessible Hybridization Sites
; FILE REFERENCE: FORS-04586
; CURRENT APPLICATION NUMBER: US/09/882,945A
; CURRENT FILING DATE: 2001-06-15
; NUMBER OF SEQ ID NOS: 334
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 39
; LENGTH: 240
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-882-945A-39

Db 208 TTTCGGACCCCAACTACTC 189
|||||

RESULT 57
US-10-807-114-33/c
; Sequence 33, Application US/10807114
; Publication No. US20040235024A1
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor
; APPLICANT: Allawi, Hatim
; APPLICANT: Dong, Fang
; APPLICANT: Neri, Bruce
; APPLICANT: Vener, Tatiana
; TITLE OF INVENTION: Nucleic Acid Accessible Hybridization Sites
; FILE REFERENCE: FORS-04586
; CURRENT APPLICATION NUMBER: US/10/807,114
; PRIOR FILING DATE: 2004-03-23
; PRIOR APPLICATION NUMBER: US/09/882,945
; PRIOR FILING DATE: 2001-06-15
; NUMBER OF SEQ ID NOS: 334
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 33
; LENGTH: 240
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-807-114-33

Query Match 100.0%; Score 20; DB 8; Length 240;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCAACTACTC 20
|||||

Db 207 TTTCGGACCCCAACTACTC 188
|||||

RESULT 58
US-10-807-114-35/c
; Sequence 35, Application US/10807114
; Publication No. US20040235024A1
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor
; APPLICANT: Allawi, Hatim
; APPLICANT: Dong, Fang
; APPLICANT: Neri, Bruce
; APPLICANT: Vener, Tatiana
; TITLE OF INVENTION: Nucleic Acid Accessible Hybridization Sites
; FILE REFERENCE: FORS-04586
; CURRENT APPLICATION NUMBER: US/10/807,114
; PRIOR FILING DATE: 2004-03-23
; PRIOR APPLICATION NUMBER: US/09/882,945
; PRIOR FILING DATE: 2001-06-15
; NUMBER OF SEQ ID NOS: 334
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 35
; LENGTH: 240
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-807-114-35

Query Match 100.0%; Score 20; DB 8; Length 240;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCAACTACTC 20
|||||

Db 207 TTTCGGACCCCAACTACTC 188
|||||

RESULT 59
US-10-807-114-38/c
; Sequence 38, Application US/10807114
; Publication No. US20040235024A1
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor
; APPLICANT: Allawi, Hatim
; APPLICANT: Dong, Fang
; APPLICANT: Neri, Bruce
; APPLICANT: Vener, Tatiana
; TITLE OF INVENTION: Nucleic Acid Accessible Hybridization Sites
; FILE REFERENCE: FORS-04586
; CURRENT APPLICATION NUMBER: US/10/807,114
; PRIOR FILING DATE: 2004-03-23
; PRIOR APPLICATION NUMBER: US/09/882,945
; PRIOR FILING DATE: 2001-06-15
; NUMBER OF SEQ ID NOS: 334
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 38
; LENGTH: 240
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-807-114-38

Query Match 100.0%; Score 20; DB 8; Length 240;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCAACTACTC 20
|||||

Db 208 TTTCGGACCCCAACTACTC 189
|||||

RESULT 60
US-10-655-362-33/c
; Sequence 33, Application US/10655362
; Publication No. US20050014163A1
; GENERAL INFORMATION:
; APPLICANT: Dong, Fang
; APPLICANT: Lyamichev, Victor
; APPLICANT: Prudent, James
; APPLICANT: Fors, Lance
; APPLICANT: Neri, Bruce
; APPLICANT: Brow, Mary Ann
; APPLICANT: Anderson, Todd
; APPLICANT: Dahlberg, James
; TITLE OF INVENTION: Target-Dependent Reactions Using Structure-Bridging Oligonucleotides
; FILE REFERENCE: FORS-04012
; CURRENT APPLICATION NUMBER: US/10/655,362
; CURRENT FILING DATE: 2003-09-04
; PRIOR APPLICATION NUMBER: US/09/402,618B
; PRIOR FILING DATE: 2000-07-18
; PRIOR APPLICATION NUMBER: PCT/US98/03194
; PRIOR FILING DATE: 1998-05-05
; NUMBER OF SEQ ID NOS: 128
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 33
; LENGTH: 240
; TYPE: DNA
; ORGANISM: Hepatitis C virus
US-10-655-362-33

Query Match 100.0%; Score 20; DB 8; Length 240;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCAACTACTC 20
|||||

Db 207 TTTCGGACCCCAACTACTC 189
|||||

RESULT 61
US-10-655-362-35/c
; Sequence 35, Application US/10655362
; Publication No. US20050014163A1
; GENERAL INFORMATION:
; APPLICANT: Dong, Fang
; APPLICANT: Lyamichev, Victor
; APPLICANT: Prudent, James
; APPLICANT: Fors, Lance
; APPLICANT: Neri, Bruce
; APPLICANT: Brow, Mary Ann
; APPLICANT: Anderson, Todd
; APPLICANT: Dahlberg, James
; TITLE OF INVENTION: Target-Dependent Reactions Using Structure-Bridging Oligonucleotides
; FILE REFERENCE: FORS-04012
; CURRENT APPLICATION NUMBER: US/10/655,362
; CURRENT FILING DATE: 2003-09-04
; PRIOR APPLICATION NUMBER: US/09/402,618B
; PRIOR FILING DATE: 2000-07-18
; PRIOR APPLICATION NUMBER: PCT/US98/03194
; PRIOR FILING DATE: 1998-05-05
; NUMBER OF SEQ ID NOS: 128
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 35
; LENGTH: 240
; TYPE: DNA
; ORGANISM: Hepatitis C virus
US-10-655-362-35
Query Match 100.0%; Score 20; DB 8; Length 240;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 TTCGGACCCCAACTACTC 20
Db 207 TTCGGACCCCAACTACTC 188
RESULT 62
US-10-655-362-38/c
; Sequence 38, Application US/10655362
; Publication No. US20050014163A1
; GENERAL INFORMATION:
; APPLICANT: Dong, Fang
; APPLICANT: Lyamichev, Victor
; APPLICANT: Prudent, James
; APPLICANT: Fors, Lance
; APPLICANT: Neri, Bruce
; APPLICANT: Brow, Mary Ann
; APPLICANT: Anderson, Todd
; APPLICANT: Dahlberg, James
; TITLE OF INVENTION: Target-Dependent Reactions Using Structure-Bridging Oligonucleotides
; FILE REFERENCE: FORS-04012
; CURRENT APPLICATION NUMBER: US/10/655,362
; CURRENT FILING DATE: 2003-09-04
; PRIOR APPLICATION NUMBER: US/09/402,618B
; PRIOR FILING DATE: 2000-07-18
; PRIOR APPLICATION NUMBER: PCT/US98/03194
; PRIOR FILING DATE: 1998-05-05
; NUMBER OF SEQ ID NOS: 128
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 38
; LENGTH: 240
; TYPE: DNA
; ORGANISM: Hepatitis C virus
US-10-655-362-38
Query Match 100.0%; Score 20; DB 8; Length 240;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 TTCGGACCCCAACTACTC 20

Db 208 TTCGGACCCCAACTACTC 189
RESULT 63
US-10-087-631B-10/c
; Sequence 10, Application US/10087631B
; Publication No. US20030054372A1
; GENERAL INFORMATION:
; APPLICANT: JAEGER, STEPHAN
; TITLE OF INVENTION: A METHOD FOR THE DETERMINATION OF A NUCLEIC ACID USING A
; TITLE OF INVENTION: CONTROL
; FILE REFERENCE: 1803-335-999
; CURRENT APPLICATION NUMBER: US/10/087,631B
; CURRENT FILING DATE: 2002-03-01
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 10
; LENGTH: 241
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: DNA sequence derived by
; OTHER INFORMATION: amplification of HCV type 1 using primers ST280 and ST778
US-10-087-631B-10
Query Match 100.0%; Score 20; DB 5; Length 241;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 TTCGGACCCCAACTACTC 20
Db 208 TTCGGACCCCAACTACTC 189
RESULT 64
US-10-419-022-10/c
; Sequence 10, Application US/10419022
; Publication No. US20030165982A1
; GENERAL INFORMATION:
; APPLICANT: JAEGER, STEPHAN
; TITLE OF INVENTION: A METHOD FOR THE DETERMINATION OF A NUCLEIC ACID USING A
; TITLE OF INVENTION: CONTROL
; FILE REFERENCE: 1803-335-999
; CURRENT APPLICATION NUMBER: US/10/419,022
; CURRENT FILING DATE: 2003-04-17
; PRIOR APPLICATION NUMBER: US/10/087,631B
; PRIOR FILING DATE: 2002-03-01
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 10
; LENGTH: 241
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: DNA sequence derived by
; OTHER INFORMATION: amplification of HCV type 1 using primers ST280 and ST778
US-10-419-022-10
Query Match 100.0%; Score 20; DB 6; Length 241;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 TTCGGACCCCAACTACTC 20
Db 208 TTCGGACCCCAACTACTC 189
RESULT 65
US-09-825-574-26/c
; Sequence 26, Application US/09825574
; Patent No. US20020119454A1
; GENERAL INFORMATION:

APPLICANT: Lyamichev, Victor I.
Brow, Mary Ann D.
Fors, Lance
Neri, Bruce P.
TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
Structure Probing With Structure-Bridging
Oligonucleotides.
NUMBER OF SEQUENCES: 51
CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
STATE: CA
COUNTRY: USA
ZIP: 94104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/825,574
FILING DATE: 03-Apr-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/934,097
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: MacKnight, Kamrin T.
REGISTRATION NUMBER: 38,230
REFERENCE/DOCKET NUMBER: FORS-02980
TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 26:
SEQUENCE CHARACTERISTICS:
LENGTH: 244 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
SEQUENCE DESCRIPTION: SEQ ID NO: 26:
US-09-825-574-26
Query Match 100.0%; Score 20; DB 3; Length 244;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 TTCGCGACCCCAACTACTC 20
|||||
Db 208 TTCGCGACCCCAACTACTC 189
RESULT 66
US-09-825-574-27/c
Sequence 27, Application US/09825574
Patent No. US20020119454A1
GENERAL INFORMATION:
APPLICANT: Lyamichev, Victor I.
Brow, Mary Ann D.
Fors, Lance
Neri, Bruce P.
TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
Structure Probing With Structure-Bridging
Oligonucleotides.
NUMBER OF SEQUENCES: 51
CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
STATE: CA
COUNTRY: USA
ZIP: 94104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: 08/934,097
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:

ZIP: 94104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/825,574
FILING DATE: 03-Apr-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/934,097
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: MacKnight, Kamrin T.
REGISTRATION NUMBER: 38,230
REFERENCE/DOCKET NUMBER: FORS-02980
TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 27:
SEQUENCE CHARACTERISTICS:
LENGTH: 244 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
SEQUENCE DESCRIPTION: SEQ ID NO: 27:
US-09-825-574-27
Query Match 100.0%; Score 20; DB 3; Length 244;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 TTCGCGACCCCAACTACTC 20
|||||
Db 208 TTCGCGACCCCAACTACTC 189
RESULT 67
US-09-825-574-29/c
Sequence 29, Application US/09825574
Patent No. US20020119454A1
GENERAL INFORMATION:
APPLICANT: Lyamichev, Victor I.
Brow, Mary Ann D.
Fors, Lance
Neri, Bruce P.
TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
Structure Probing With Structure-Bridging
Oligonucleotides.
NUMBER OF SEQUENCES: 51
CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
STATE: CA
COUNTRY: USA
ZIP: 94104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: 08/934,097
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:


```
;
; NAME: MacKnight, Kamrin T.
; REGISTRATION NUMBER: 38,230
; REFERENCE/DOCKET NUMBER: FORS-02980
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 29:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 244 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "DNA"
; SEQUENCE DESCRIPTION: SEQ ID NO: 29:
US-09-825-574-29

Query Match          100.0%; Score 20; DB 3; Length 244;
Best Local Similarity 100.0%; Pred. No. 0.019; 0; Indels 0; Gaps 0;
Matches 20; Conservative 0; Mismatches 0;

QY 1 TTTCGGACCCCAACTACTC 20
Db 208 TTTCGGACCCCAACTACTC 189

RESULT 68
US-09-825-574-31/c
; Sequence 31, Application US/09825574
; Patent No. US20020119454A1
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor I.
;      Brow, Mary Ann D.
;      Fors, Lance
;      Neri, Bruce P.
; TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
;      Structure Probing With Structure-Bridging
;      Oligonucleotides.
; NUMBER OF SEQUENCES: 51
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL, LLP
; STREET: 220 Montgomery Street, Suite 2200
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/825,574
; FILING DATE: 03-Apr-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/934,097
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: MacKnight, Kamrin T.
; REGISTRATION NUMBER: 38,230
; REFERENCE/DOCKET NUMBER: FORS-02980
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 31:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 244 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "DNA"
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;
; SEQUENCE DESCRIPTION: SEQ ID NO: 31:
US-09-825-574-31

Query Match          100.0%; Score 20; DB 3; Length 244;
Best Local Similarity 100.0%; Pred. No. 0.019; 0; Indels 0; Gaps 0;
Matches 20; Conservative 0; Mismatches 0;

QY 1 TTTCGGACCCCAACTACTC 20
Db 208 TTTCGGACCCCAACTACTC 189

RESULT 69
US-09-882-945A-26/c
; Sequence 26, Application US/09882945A
; Publication No. US20030143535A1
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor
;      Allawi, Hatim
; APPLICANT: Dong, Fang
; APPLICANT: Neri, Bruce
; APPLICANT: Vener, Tatiana
; TITLE OF INVENTION: Nucleic Acid Accessible Hybridization Sites
; FILE REFERENCE: FORS-04586
; CURRENT APPLICATION NUMBER: US/09/882,945A
; CURRENT FILING DATE: 2001-06-15
; NUMBER OF SEQ ID NOS: 334
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 26
; LENGTH: 244
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-882-945A-26

Query Match          100.0%; Score 20; DB 3; Length 244;
Best Local Similarity 100.0%; Pred. No. 0.019; 0; Indels 0; Gaps 0;
Matches 20; Conservative 0; Mismatches 0;

QY 1 TTTCGGACCCCAACTACTC 20
Db 208 TTTCGGACCCCAACTACTC 189

RESULT 70
US-09-882-945A-27/c
; Sequence 27, Application US/09882945A
; Publication No. US20030143535A1
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor
;      Allawi, Hatim
; APPLICANT: Dong, Fang
; APPLICANT: Neri, Bruce
; APPLICANT: Vener, Tatiana
; TITLE OF INVENTION: Nucleic Acid Accessible Hybridization Sites
; FILE REFERENCE: FORS-04586
; CURRENT APPLICATION NUMBER: US/09/882,945A
; CURRENT FILING DATE: 2001-06-15
; NUMBER OF SEQ ID NOS: 334
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 27
; LENGTH: 244
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-882-945A-27

Query Match          100.0%; Score 20; DB 3; Length 244;
Best Local Similarity 100.0%; Pred. No. 0.019; 0; Indels 0; Gaps 0;
Matches 20; Conservative 0; Mismatches 0;
```

Qy 1 TTTCGGACCCCAACTACTC 20
| | | | | | | | | | | | | | | | | | | | | |
Db 208 TTTCGGACCCCAACTACTC 189

RESULT 71

US-09-882-945A-29/c
; Sequence 29, Application US/09882945A
; Publication No. US20030143535A1
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor
; APPLICANT: Allawi, Hatim
; APPLICANT: Dong, Fang
; APPLICANT: Neri, Bruce
; APPLICANT: Vener, Tatiana
; TITLE OF INVENTION: Nucleic Acid Accessible Hybridization Sites
; FILE REFERENCE: FORS-04586
; CURRENT APPLICATION NUMBER: US/09/882,945A
; CURRENT FILING DATE: 2001-06-15
; NUMBER OF SEQ ID NOS: 334
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 29
; LENGTH: 244
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-882-945A-29

Query Match 100.0%; Score 20; DB 3; Length 244;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCAACTACTC 20
| | | | | | | | | | | | | | | | | | | | | |
Db 208 TTTCGGACCCCAACTACTC 189

RESULT 72

US-09-882-945A-31/c
; Sequence 31, Application US/09882945A
; Publication No. US20030143535A1
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor
; APPLICANT: Allawi, Hatim
; APPLICANT: Dong, Fang
; APPLICANT: Neri, Bruce
; APPLICANT: Vener, Tatiana
; TITLE OF INVENTION: Nucleic Acid Accessible Hybridization Sites
; FILE REFERENCE: FORS-04586
; CURRENT APPLICATION NUMBER: US/09/882,945A
; CURRENT FILING DATE: 2001-06-15
; NUMBER OF SEQ ID NOS: 334
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 31
; LENGTH: 244
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-882-945A-31

Query Match 100.0%; Score 20; DB 3; Length 244;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCAACTACTC 20
| | | | | | | | | | | | | | | | | | | | | |
Db 208 TTTCGGACCCCAACTACTC 189

RESULT 73

US-10-688-272-16/c

; Sequence 16, Application US/10688272
; Publication No. US20040091924A1
; GENERAL INFORMATION:
; APPLICANT: Genematrix Inc.; Kim, Nam-Keun
; TITLE OF INVENTION: Method for detecting base mutation
; FILE REFERENCE: 11281-014-999
; CURRENT APPLICATION NUMBER: US/10/688,272
; CURRENT FILING DATE: 2003-10-17
; PRIOR APPLICATION NUMBER: KR2002-0063832
; PRIOR FILING DATE: 2002-10-18
; PRIOR APPLICATION NUMBER: KR2003-0061066
; PRIOR FILING DATE: 2003-09-02
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: KopatentIn 1.71
; SEQ ID NO 16
; LENGTH: 244
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: 5'Noncoding region of HCV
US-10-688-272-16

Query Match 100.0%; Score 20; DB 7; Length 244;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCAACTACTC 20
| | | | | | | | | | | | | | | | | | | | | |
Db 208 TTTCGGACCCCAACTACTC 189

RESULT 74

US-10-807-114-26/c
; Sequence 26, Application US/10807114
; Publication No. US20040235024A1
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor
; APPLICANT: Allawi, Hatim
; APPLICANT: Dong, Fang
; APPLICANT: Neri, Bruce
; APPLICANT: Vener, Tatiana
; TITLE OF INVENTION: Nucleic Acid Accessible Hybridization Sites
; FILE REFERENCE: FORS-04586
; CURRENT APPLICATION NUMBER: US/10/807,114
; CURRENT FILING DATE: 2004-03-23
; PRIOR APPLICATION NUMBER: US/09/882,945
; PRIOR FILING DATE: 2001-06-15
; NUMBER OF SEQ ID NOS: 334
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 26
; LENGTH: 244
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-807-114-26

Query Match 100.0%; Score 20; DB 8; Length 244;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCAACTACTC 20
| | | | | | | | | | | | | | | | | | | | | |
Db 208 TTTCGGACCCCAACTACTC 189

RESULT 75

US-10-807-114-27/c
; Sequence 27, Application US/10807114
; Publication No. US20040235024A1
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor
; APPLICANT: Allawi, Hatim

; APPLICANT: Dong, Fang
; APPLICANT: Neri, Bruce
; APPLICANT: Vener, Tatiana
; TITLE OF INVENTION: Nucleic Acid Accessible Hybridization Sites
; FILE REFERENCE: FORS-04586
; CURRENT FILING DATE: 2004-03-23
; PRIOR APPLICATION NUMBER: US/10/807,114
; CURRENT FILING DATE: 2004-03-23
; PRIOR APPLICATION NUMBER: US/09/882,945
; PRIOR FILING DATE: 2001-06-15
; NUMBER OF SEQ ID NOS: 334
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 27
; LENGTH: 244
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-807-114-27

Query Match 100.0%; Score 20; DB 8; Length 244;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTCGCGACCCCAACTACTC 20
|||||
Db 208 TTCGCGACCCCAACTACTC 189

RESULT 76
US-10-807-114-29/c
; Sequence 29, Application US/10807114
; Publication No. US20040235024A1
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor
; APPLICANT: Allawi, Hatim
; APPLICANT: Dong, Fang
; APPLICANT: Neri, Bruce
; APPLICANT: Vener, Tatiana
; TITLE OF INVENTION: Nucleic Acid Accessible Hybridization Sites
; FILE REFERENCE: FORS-04586
; CURRENT FILING DATE: 2004-03-23
; PRIOR APPLICATION NUMBER: US/10/807,114
; CURRENT FILING DATE: 2004-03-23
; PRIOR APPLICATION NUMBER: US/09/882,945
; PRIOR FILING DATE: 2001-06-15
; NUMBER OF SEQ ID NOS: 334
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 29
; LENGTH: 244
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-807-114-29

Query Match 100.0%; Score 20; DB 8; Length 244;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTCGCGACCCCAACTACTC 20
|||||
Db 208 TTCGCGACCCCAACTACTC 189

RESULT 77
US-10-807-114-31/c
; Sequence 31, Application US/10807114
; Publication No. US20040235024A1
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor
; APPLICANT: Allawi, Hatim
; APPLICANT: Dong, Fang
; APPLICANT: Neri, Bruce
; APPLICANT: Vener, Tatiana

; TITLE OF INVENTION: Nucleic Acid Accessible Hybridization Sites
; FILE REFERENCE: FORS-04586
; CURRENT APPLICATION NUMBER: US/10/807,114
; CURRENT FILING DATE: 2004-03-23
; PRIOR APPLICATION NUMBER: US/09/882,945
; PRIOR FILING DATE: 2001-06-15
; NUMBER OF SEQ ID NOS: 334
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 31
; LENGTH: 244
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-807-114-31

Query Match 100.0%; Score 20; DB 8; Length 244;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTCGCGACCCCAACTACTC 20
|||||
Db 208 TTCGCGACCCCAACTACTC 189

RESULT 78
US-10-655-362-26/c
; Sequence 26, Application US/10655362
; Publication No. US20050014163A1
; GENERAL INFORMATION:
; APPLICANT: Dong, Fang
; APPLICANT: Lyamichev, Victor
; APPLICANT: Prudent, James
; APPLICANT: Fors, Lance
; APPLICANT: Neri, Bruce
; APPLICANT: Brow, Mary Ann
; APPLICANT: Anderson, Todd
; APPLICANT: Dahlberg, James
; TITLE OF INVENTION: Target-Dependent Reactions Using Structure-Bridging Oligonucleotides
; FILE REFERENCE: FORS-04012
; CURRENT APPLICATION NUMBER: US/10/655,362
; CURRENT FILING DATE: 2003-09-04
; PRIOR APPLICATION NUMBER: US/09/402,618B
; PRIOR FILING DATE: 2000-07-18
; PRIOR APPLICATION NUMBER: PCT/US98/03194
; PRIOR FILING DATE: 1998-05-05
; NUMBER OF SEQ ID NOS: 128
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 26
; LENGTH: 244
; TYPE: DNA
; ORGANISM: Hepatitis C virus
US-10-655-362-26

Query Match 100.0%; Score 20; DB 8; Length 244;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTCGCGACCCCAACTACTC 20
|||||
Db 208 TTCGCGACCCCAACTACTC 189

RESULT 79
US-10-655-362-27/c
; Sequence 27, Application US/10655362
; Publication No. US20050014163A1
; GENERAL INFORMATION:
; APPLICANT: Dong, Fang
; APPLICANT: Lyamichev, Victor
; APPLICANT: Prudent, James
; APPLICANT: Fors, Lance
; APPLICANT: Neri, Bruce

```
; APPLICANT: Brow, Mary Ann
; APPLICANT: Anderson, Todd
; APPLICANT: Dahlberg, James
; TITLE OF INVENTION: Target-Dependent Reactions Using Structure-Bridging Oligonucleotides
; FILE REFERENCE: FORS-04012
; CURRENT APPLICATION NUMBER: US/10/655,362
; PRIOR FILING DATE: 2003-09-04
; PRIOR APPLICATION NUMBER: US/09/402,618B
; PRIOR FILING DATE: 2000-07-18
; PRIOR APPLICATION NUMBER: PCT/US98/03194
; PRIOR FILING DATE: 1998-05-05
; NUMBER OF SEQ ID NOS: 128
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 27
; LENGTH: 244
; TYPE: DNA
; ORGANISM: Hepatitis C virus
US-10-655-362-27

Query Match      100.0%; Score 20; DB 8; Length 244;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 TTCCGACCCCAACTACTC 20
Db      208 TTCCGACCCCAACTACTC 189

RESULT 80
US-10-655-362-29/c
; Sequence 29, Application US/10655362
; Publication No. US20050014163A1
; GENERAL INFORMATION:
; APPLICANT: Dong, Fang
; APPLICANT: Lyamichev, Victor
; APPLICANT: Prudent, James
; APPLICANT: Fors, Lance
; APPLICANT: Neri, Bruce
; APPLICANT: Brow, Mary Ann
; APPLICANT: Anderson, Todd
; APPLICANT: Dahlberg, James
; TITLE OF INVENTION: Target-Dependent Reactions Using Structure-Bridging Oligonucleotides
; FILE REFERENCE: FORS-04012
; CURRENT APPLICATION NUMBER: US/10/655,362
; CURRENT FILING DATE: 2003-09-04
; PRIOR FILING DATE: US/09/402,618B
; PRIOR FILING DATE: 2000-07-18
; PRIOR APPLICATION NUMBER: PCT/US98/03194
; PRIOR FILING DATE: 1998-05-05
; NUMBER OF SEQ ID NOS: 128
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 29
; LENGTH: 244
; TYPE: DNA
; ORGANISM: Hepatitis C virus
US-10-655-362-29

Query Match      100.0%; Score 20; DB 8; Length 244;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 TTCCGACCCCAACTACTC 20
Db      208 TTCCGACCCCAACTACTC 189

RESULT 81
US-10-655-362-31/c
; Sequence 31, Application US/10655362
; Publication No. US20050014163A1
; GENERAL INFORMATION:
; APPLICANT: Dong, Fang
; APPLICANT: Lyamichev, Victor
```

```
; APPLICANT: Prudent, James
; APPLICANT: Fors, Lance
; APPLICANT: Neri, Bruce
; APPLICANT: Brow, Mary Ann
; APPLICANT: Anderson, Todd
; APPLICANT: Dahlberg, James
; TITLE OF INVENTION: Target-Dependent Reactions Using Structure-Bridging Oligonucleotides
; FILE REFERENCE: FORS-04012
; CURRENT APPLICATION NUMBER: US/10/655,362
; CURRENT FILING DATE: 2003-09-04
; PRIOR APPLICATION NUMBER: US/09/402,618B
; PRIOR FILING DATE: 2000-07-18
; PRIOR APPLICATION NUMBER: PCT/US98/03194
; PRIOR FILING DATE: 1998-05-05
; NUMBER OF SEQ ID NOS: 128
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 31
; LENGTH: 244
; TYPE: DNA
; ORGANISM: Hepatitis C virus
US-10-655-362-31

Query Match      100.0%; Score 20; DB 8; Length 244;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 TTCCGACCCCAACTACTC 20
Db      208 TTCCGACCCCAACTACTC 189

RESULT 82
US-10-655-362-124
; Sequence 124, Application US/10655362
; Publication No. US20050014163A1
; GENERAL INFORMATION:
; APPLICANT: Dong, Fang
; APPLICANT: Lyamichev, Victor
; APPLICANT: Prudent, James
; APPLICANT: Fors, Lance
; APPLICANT: Neri, Bruce
; APPLICANT: Brow, Mary Ann
; APPLICANT: Anderson, Todd
; APPLICANT: Dahlberg, James
; TITLE OF INVENTION: Target-Dependent Reactions Using Structure-Bridging Oligonucleotides
; FILE REFERENCE: FORS-04012
; CURRENT APPLICATION NUMBER: US/10/655,362
; CURRENT FILING DATE: 2003-09-04
; PRIOR APPLICATION NUMBER: US/09/402,618B
; PRIOR FILING DATE: 2000-07-18
; PRIOR APPLICATION NUMBER: PCT/US98/03194
; PRIOR FILING DATE: 1998-05-05
; NUMBER OF SEQ ID NOS: 128
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 124
; LENGTH: 244
; TYPE: DNA
; ORGANISM: Hepatitis C virus
US-10-655-362-124

Query Match      100.0%; Score 20; DB 8; Length 244;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 TTCCGACCCCAACTACTC 20
Db      37 TTCCGACCCCAACTACTC 56

RESULT 83
US-10-655-362-125
; Sequence 125, Application US/10655362
; Publication No. US20050014163A1
```

```
; GENERAL INFORMATION:
; APPLICANT: Dong, Fang
; APPLICANT: Lyamichev, Victor
; APPLICANT: Prudent, James
; APPLICANT: Fors, Lance
; APPLICANT: Neri, Bruce
; APPLICANT: Brow, Mary Ann
; APPLICANT: Anderson, Todd
; APPLICANT: Dahlberg, James
; TITLE OF INVENTION: Target-Dependent Reactions Using Structure-Bridging Oligonucleotides
; FILE REFERENCE: FORS-04012
; CURRENT APPLICATION NUMBER: US/10/655,362
; PRIOR FILING DATE: 2003-09-04
; PRIOR APPLICATION NUMBER: US/09/402,618B
; PRIOR FILING DATE: 2000-07-18
; PRIOR APPLICATION NUMBER: PCT/US98/03194
; PRIOR FILING DATE: 1998-05-05
; NUMBER OF SEQ ID NOS: 128
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 125
; LENGTH: 244
; TYPE: DNA
; ORGANISM: Hepatitis C virus
US-10-655-362-125

Query Match      100.0%; Score 20; DB 8; Length 244;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTTCGGACCCCAACTACTC 20
DB 37 TTTCGGACCCCAACTACTC 56

RESULT 84
US-10-655-362-127
; Sequence 127, Application US/10655362
; Publication No. US20050014163A1
; GENERAL INFORMATION:
; APPLICANT: Dong, Fang
; APPLICANT: Lyamichev, Victor
; APPLICANT: Prudent, James
; APPLICANT: Fors, Lance
; APPLICANT: Neri, Bruce
; APPLICANT: Brow, Mary Ann
; APPLICANT: Anderson, Todd
; APPLICANT: Dahlberg, James
; TITLE OF INVENTION: Target-Dependent Reactions Using Structure-Bridging Oligonucleotides
; FILE REFERENCE: FORS-04012
; CURRENT APPLICATION NUMBER: US/10/655,362
; CURRENT FILING DATE: 2003-09-04
; PRIOR FILING DATE: 2000-07-18
; PRIOR APPLICATION NUMBER: PCT/US98/03194
; PRIOR FILING DATE: 1998-05-05
; NUMBER OF SEQ ID NOS: 128
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 127
; LENGTH: 244
; TYPE: DNA
; ORGANISM: Hepatitis C virus
US-10-655-362-127

Query Match      100.0%; Score 20; DB 8; Length 244;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTTCGGACCCCAACTACTC 20
DB 37 TTTCGGACCCCAACTACTC 56

RESULT 85
US-10-655-362-129
; Sequence 129, Application US/10655362
; Publication No. US20050014163A1
; GENERAL INFORMATION:
; APPLICANT: Dong, Fang
; APPLICANT: Lyamichev, Victor
; APPLICANT: Prudent, James
; APPLICANT: Fors, Lance
; APPLICANT: Neri, Bruce
; APPLICANT: Brow, Mary Ann
; APPLICANT: Anderson, Todd
; APPLICANT: Dahlberg, James
; TITLE OF INVENTION: Target-Dependent Reactions Using Structure-Bridging Oligonucleotides
; FILE REFERENCE: FORS-04012
; CURRENT APPLICATION NUMBER: US/10/655,362
; CURRENT FILING DATE: 2003-09-04
; PRIOR FILING DATE: 2000-07-18
; PRIOR APPLICATION NUMBER: PCT/US98/03194
; PRIOR FILING DATE: 1998-05-05
; NUMBER OF SEQ ID NOS: 128
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 129
; LENGTH: 244
; TYPE: DNA
; ORGANISM: Hepatitis C virus
US-10-655-362-129

Query Match      100.0%; Score 20; DB 8; Length 244;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTTCGGACCCCAACTACTC 20
DB 37 TTTCGGACCCCAACTACTC 56

RESULT 86
US-11-031-487-64/c
; Sequence 64, Application US/11031487
; Publication No. US20050196750A1
; GENERAL INFORMATION:
; APPLICANT: Elagin, Vecheslav A.
; APPLICANT: Law, Scott
; APPLICANT: Hill, Bjork
; TITLE OF INVENTION: Determination of Hepatitis C Virus Genotype
; FILE REFERENCE: FORS-09463
; CURRENT APPLICATION NUMBER: US/11/031,487
; CURRENT FILING DATE: 2005-01-07
; NUMBER OF SEQ ID NOS: 69
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 64
; LENGTH: 244
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
; NAME/KEY: misc feature
; LOCATION: (52)..(52)
; OTHER INFORMATION: n is a, c, g, or t
US-11-031-487-64

Query Match      100.0%; Score 20; DB 10; Length 244;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTTCGGACCCCAACTACTC 20
DB 208 TTTCGGACCCCAACTACTC 189

RESULT 87
```

```
US-10-655-362-128
; Sequence 128, Application US/10655362
; Publication No. US20050014163A1
; GENERAL INFORMATION:
; APPLICANT: Dong, Fang
; APPLICANT: Lyamichev, Victor
; APPLICANT: Prudent, James
; APPLICANT: Fors, Lance
; APPLICANT: Neri, Bruce
; APPLICANT: Brow, Mary Ann
; APPLICANT: Anderson, Todd
; APPLICANT: Dahlberg, James
; TITLE OF INVENTION: Target-Dependent Reactions Using Structure-Bridging Oligonucleotides
; FILE REFERENCE: FORS-04012
; CURRENT APPLICATION NUMBER: US/10/655,362
; CURRENT FILING DATE: 2003-09-04
; PRIOR APPLICATION NUMBER: US/09/402,618B
; PRIOR FILING DATE: 2000-07-18
; PRIOR APPLICATION NUMBER: PCT/US98/03194
; PRIOR FILING DATE: 1998-05-05
; NUMBER OF SEQ ID NOS: 128
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 128
; LENGTH: 244
; TYPE: DNA
; ORGANISM: Hepatitis C virus
US-10-655-362-128

Query Match      100.0%; Score 20; DB 8; Length 244;
Best Local Similarity 80.0%; Pred. No. 0.019;
Matches 16; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTTCGGACCCCAACTACTC 20
DB 37 TTTCGGACCCCAACTACTC 56

RESULT 86
US-11-031-487-64/c
; Sequence 64, Application US/11031487
; Publication No. US20050196750A1
; GENERAL INFORMATION:
; APPLICANT: Elagin, Vecheslav A.
; APPLICANT: Law, Scott
; APPLICANT: Hill, Bjork
; TITLE OF INVENTION: Determination of Hepatitis C Virus Genotype
; FILE REFERENCE: FORS-09463
; CURRENT APPLICATION NUMBER: US/11/031,487
; CURRENT FILING DATE: 2005-01-07
; NUMBER OF SEQ ID NOS: 69
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 64
; LENGTH: 244
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
; NAME/KEY: misc feature
; LOCATION: (52)..(52)
; OTHER INFORMATION: n is a, c, g, or t
US-11-031-487-64

Query Match      100.0%; Score 20; DB 10; Length 244;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTTCGGACCCCAACTACTC 20
DB 208 TTTCGGACCCCAACTACTC 189

RESULT 87
```

```
US-11-031-487-66/c
; Sequence 66, Application US/11031487
; Publication No. US20050196750A1
; GENERAL INFORMATION:
; APPLICANT: Elagin, Vecheslav A.
; APPLICANT: Law, Scott
; APPLICANT: Hill, Bjork
; TITLE OF INVENTION: Determination of Hepatitis C Virus Genotype
; FILE REFERENCE: FORS-09463
; CURRENT APPLICATION NUMBER: US/11/031,487
; CURRENT FILING DATE: 2005-01-07
; NUMBER OF SEQ ID NOS: 69
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 66
; LENGTH: 244
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-11-031-487-66

Query Match      100.0%; Score 20; DB 10; Length 244;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 TTTCGGACCCCAACTACTC 20
        |||||
Db      208 TTTCGGACCCCAACTACTC 189

RESULT 88
US-11-031-487-67/c
; Sequence 67, Application US/11031487
; Publication No. US20050196750A1
; GENERAL INFORMATION:
; APPLICANT: Elagin, Vecheslav A.
; APPLICANT: Law, Scott
; APPLICANT: Hill, Bjork
; TITLE OF INVENTION: Determination of Hepatitis C Virus Genotype
; FILE REFERENCE: FORS-09463
; CURRENT APPLICATION NUMBER: US/11/031,487
; CURRENT FILING DATE: 2005-01-07
; NUMBER OF SEQ ID NOS: 69
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 67
; LENGTH: 244
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-11-031-487-67

Query Match      100.0%; Score 20; DB 10; Length 244;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 TTTCGGACCCCAACTACTC 20
        |||||
Db      208 TTTCGGACCCCAACTACTC 189

RESULT 89
US-11-031-487-68/c
; Sequence 68, Application US/11031487
; Publication No. US20050196750A1
; GENERAL INFORMATION:
; APPLICANT: Elagin, Vecheslav A.
; APPLICANT: Law, Scott
; APPLICANT: Hill, Bjork
; TITLE OF INVENTION: Determination of Hepatitis C Virus Genotype
; FILE REFERENCE: FORS-09463
; CURRENT APPLICATION NUMBER: US/11/031,487
; CURRENT FILING DATE: 2005-01-07
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; NUMBER OF SEQ ID NOS: 69
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 68
; LENGTH: 244
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-11-031-487-68

Query Match      100.0%; Score 20; DB 10; Length 244;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 TTTCGGACCCCAACTACTC 20
        |||||
Db      208 TTTCGGACCCCAACTACTC 189

RESULT 90
US-10-292-129-13/c
; Sequence 13, Application US/10292129
; Publication No. US20030148267A1
; GENERAL INFORMATION:
; APPLICANT: Schmidt, Emmett Vance
; APPLICANT: Chung, Raymond Taeyong
; TITLE OF INVENTION: SCREENING ASSAY FOR HEPATITIS C VIRUS
; TITLE OF INVENTION: ANTIVIRAL AGENTS
; FILE REFERENCE: 00786-539001
; CURRENT APPLICATION NUMBER: US/10/292,129
; CURRENT FILING DATE: 2002-11-08
; PRIOR APPLICATION NUMBER: US 60/345,405
; PRIOR FILING DATE: 2001-11-09
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 13
; LENGTH: 263
; TYPE: DNA
; ORGANISM: Hepatitis C virus
; FEATURE:
; OTHER INFORMATION: Synthetic construct
US-10-292-129-13

Query Match      100.0%; Score 20; DB 6; Length 263;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 TTTCGGACCCCAACTACTC 20
        |||||
Db      217 TTTCGGACCCCAACTACTC 198

RESULT 91
US-10-920-040-1
; Sequence 1, Application US/10920040
; Publication No. US20050130131A1
; GENERAL INFORMATION:
; APPLICANT: Salahuddin, Syed Zaki
; APPLICANT: California Institute of Molecular Medicine
; TITLE OF INVENTION: Method for Isolation and Replication of Infectious
; TITLE OF INVENTION: Human Hepatitis-C Virus
; FILE REFERENCE: 025503-0001000US
; CURRENT APPLICATION NUMBER: US/10/920,040
; CURRENT FILING DATE: 2004-08-16
; PRIOR APPLICATION NUMBER: US 60/495,078
; PRIOR FILING DATE: 2003-08-14
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1
; LENGTH: 271
; TYPE: DNA
; ORGANISM: Hepatitis C virus
; FEATURE:
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; OTHER INFORMATION: cloned index isolate #081 CIMM-HCV 5' untranslated
; OTHER INFORMATION: region (5'-UTR), probe obtained from automated DNA
; OTHER INFORMATION: sequencing
US-10-920-040-1

Query Match          100.0%; Score 20; DB 9; Length 271;
Best Local Similarity 100.0%; Pred. No. 0.019; 0; Indels 0; Gaps 0;
Matches 20; Conservative 0; Mismatches 0;

QY 1 TTTCGGACCCCAACACTACTC 20
    |||||
DB 40 TTTCGGACCCCAACACTACTC 59

RESULT 92
US-10-363-177A-67/c
; Sequence 67, Application US/10363177A
; Publication No. US20050084851A1
; GENERAL INFORMATION:
; APPLICANT: Pyrosequencing AB
; APPLICANT: The Board of Trustees of the Leland Stanford Junior University
; APPLICANT: Ronaghi, Mostafa
; APPLICANT: Pourmand, Nader
; APPLICANT: Ekstrom, Bjorn
; TITLE OF INVENTION: Method of nucleic acid typing and sequencing
; FILE REFERENCE: Docket 14629
; CURRENT APPLICATION NUMBER: US/10/363,177A
; CURRENT FILING DATE: 2003-03-06
; NUMBER OF SEQ ID NOS: 72
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 67
; LENGTH: 278
; TYPE: DNA
; ORGANISM: Hepatitis C virus
US-10-363-177A-67

Query Match          100.0%; Score 20; DB 9; Length 278;
Best Local Similarity 100.0%; Pred. No. 0.019; 0; Indels 0; Gaps 0;
Matches 20; Conservative 0; Mismatches 0;

QY 1 TTTCGGACCCCAACACTACTC 20
    |||||
DB 233 TTTCGGACCCCAACACTACTC 214

RESULT 93
US-09-940-925A-121/c
; Sequence 121, Application US/09940925A
; Publication No. US20030054338A1
; GENERAL INFORMATION:
; APPLICANT: BROW, MARY ANN D.
; APPLICANT: LYAMICHEV, VICTOR I.
; APPLICANT: OLIVE, DAVID M.
; TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF
; PATHOGENS
; NUMBER OF SEQUENCES: 165
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL
; STREET: 220 MONTGOMERY STREET, SUITE 2200
; CITY: SAN FRANCISCO
; STATE: CALIFORNIA
; COUNTRY: UNITED STATES OF AMERICA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/940,925A
; FILING DATE: 10-Jun-2002
; CLASSIFICATION: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: CARROLL, PETER G.
; REGISTRATION NUMBER: 32,837
; REFERENCE/DOCKET NUMBER: FORS-01756
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 121:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 281 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; SEQUENCE DESCRIPTION: SEQ ID NO: 123:
US-09-940-925A-123

Query Match          100.0%; Score 20; DB 3; Length 281;
Best Local Similarity 100.0%; Pred. No. 0.019; 0; Indels 0; Gaps 0;
Matches 20; Conservative 0; Mismatches 0;

QY 1 TTTCGGACCCCAACACTACTC 20
    |||||
DB 218 TTTCGGACCCCAACACTACTC 199

RESULT 94
US-09-940-925A-123/c
; Sequence 123, Application US/09940925A
; Publication No. US20030054338A1
; GENERAL INFORMATION:
; APPLICANT: BROW, MARY ANN D.
; APPLICANT: LYAMICHEV, VICTOR I.
; APPLICANT: OLIVE, DAVID M.
; TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF
; PATHOGENS
; NUMBER OF SEQUENCES: 165
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL
; STREET: 220 MONTGOMERY STREET, SUITE 2200
; CITY: SAN FRANCISCO
; STATE: CALIFORNIA
; COUNTRY: UNITED STATES OF AMERICA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/940,925A
; FILING DATE: 10-Jun-2002
; CLASSIFICATION: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: CARROLL, PETER G.
; REGISTRATION NUMBER: 32,837
; REFERENCE/DOCKET NUMBER: FORS-01756
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 123:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 281 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; SEQUENCE DESCRIPTION: SEQ ID NO: 123:
US-09-940-925A-123

Query Match          100.0%; Score 20; DB 3; Length 281;
Best Local Similarity 100.0%; Pred. No. 0.019; 0; Indels 0; Gaps 0;
Matches 20; Conservative 0; Mismatches 0;

QY 1 TTTCGGACCCCAACACTACTC 20
    |||||
DB 218 TTTCGGACCCCAACACTACTC 199

NAME: CARROLL, PETER G.
REGISTRATION NUMBER: 32,837
REFERENCE/DOCKET NUMBER: FORS-01756
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 121:
SEQUENCE CHARACTERISTICS:
LENGTH: 281 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 121:
US-09-940-925A-121

Query Match          100.0%; Score 20; DB 3; Length 281;
Best Local Similarity 100.0%; Pred. No. 0.019; 0; Indels 0; Gaps 0;
Matches 20; Conservative 0; Mismatches 0;

QY 1 TTTCGGACCCCAACACTACTC 20
    |||||
DB 218 TTTCGGACCCCAACACTACTC 199

NAME: CARROLL, PETER G.
REGISTRATION NUMBER: 32,837
REFERENCE/DOCKET NUMBER: FORS-01756
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 121:
SEQUENCE CHARACTERISTICS:
LENGTH: 281 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 121:
US-09-940-925A-121
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SEQUENCE CHARACTERISTICS:
LENGTH: 281 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 128:
US-09-940-925A-128

Query Match 100.0%; Score 20; DB 3; Length 281;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCAACTACTC 20
Db 64 TTTCGGACCCCAACTACTC 83

RESULT 98

US-09-940-925A-129

Sequence 129, Application US/09940925A
Publication No. US20030054338A1

GENERAL INFORMATION:

APPLICANT: BROW, MARY ANN D.
LYAMICHEV, VICTOR I.

OLIVE, DAVID M.

TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF
PATHOGENS

NUMBER OF SEQUENCES: 165

CORRESPONDENCE ADDRESS:

ADDRESSEE: MEDLEN & CARROLL

STREET: 220 MONTGOMERY STREET, SUITE 2200

CITY: SAN FRANCISCO

STATE: CALIFORNIA

COUNTRY: UNITED STATES OF AMERICA

ZIP: 94104

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent In Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/940,925A

FILING DATE: 10-Jun-2002

CLASSIFICATION: <Unknown>

ATTORNEY/AGENT INFORMATION:

NAME: CARROLL, PETER G.

REGISTRATION NUMBER: 32,837

REFERENCE/DOCKET NUMBER: FORS-01756

TELECOMMUNICATION INFORMATION:

TELEPHONE: (415) 705-8410

TELEFAX: (415) 397-8338

INFORMATION FOR SEQ ID NO: 129:

SEQUENCE CHARACTERISTICS:

LENGTH: 281 base pairs

TYPE: nucleic acid

STRANDEDNESS: double

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

SEQUENCE DESCRIPTION: SEQ ID NO: 129:

US-09-940-925A-129

Query Match 100.0%; Score 20; DB 3; Length 281;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCAACTACTC 20
Db 64 TTTCGGACCCCAACTACTC 83

RESULT 99

US-09-940-925A-132

Sequence 132, Application US/09940925A
Publication No. US20030054338A1

GENERAL INFORMATION:

APPLICANT: BROW, MARY ANN D.

LYAMICHEV, VICTOR I.

OLIVE, DAVID M.

TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF
PATHOGENS

NUMBER OF SEQUENCES: 165

CORRESPONDENCE ADDRESS:

ADDRESSEE: MEDLEN & CARROLL

STREET: 220 MONTGOMERY STREET, SUITE 2200

CITY: SAN FRANCISCO

STATE: CALIFORNIA

COUNTRY: UNITED STATES OF AMERICA

ZIP: 94104

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent In Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/940,925A

FILING DATE: 10-Jun-2002

CLASSIFICATION: <Unknown>

ATTORNEY/AGENT INFORMATION:

NAME: CARROLL, PETER G.

REGISTRATION NUMBER: 32,837

REFERENCE/DOCKET NUMBER: FORS-01756

TELECOMMUNICATION INFORMATION:

TELEPHONE: (415) 705-8410

TELEFAX: (415) 397-8338

INFORMATION FOR SEQ ID NO: 132:

SEQUENCE CHARACTERISTICS:

LENGTH: 281 base pairs

TYPE: nucleic acid

STRANDEDNESS: double

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

SEQUENCE DESCRIPTION: SEQ ID NO: 132:

US-09-940-925A-132

Query Match 100.0%; Score 20; DB 3; Length 281;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCAACTACTC 20
Db 64 TTTCGGACCCCAACTACTC 83

RESULT 100

US-09-941-193A-121/c

Sequence 121, Application US/09941193A

Publication No. US20030108873A1

GENERAL INFORMATION:

APPLICANT: BROW, MARY ANN D.

LYAMICHEV, VICTOR I.

OLIVE, DAVID M.

TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF
PATHOGENS

NUMBER OF SEQUENCES: 165

CORRESPONDENCE ADDRESS:

ADDRESSEE: MEDLEN & CARROLL

STREET: 220 MONTGOMERY STREET, SUITE 2200

CITY: SAN FRANCISCO

STATE: CALIFORNIA

COUNTRY: UNITED STATES OF AMERICA

ZIP: 94104

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/941,193A
FILING DATE: 28-Aug-2001
CLASSIFICATION: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: CARROLL, PETER G.
REGISTRATION NUMBER: 32,837
REFERENCE/DOCKET NUMBER: FORS-01756
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 121:
SEQUENCE CHARACTERISTICS:
LENGTH: 281 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 121:
US-09-941-193A-121

Query Match 100.0%; Score 20; DB 3; Length 281;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCAACTACTC 20
Db 218 TTTCGGACCCCAACTACTC 199

RESULT 101
US-09-941-193A-123/c
Sequence 123, Application US/09941193A
Publication No. US20030108873A1
GENERAL INFORMATION:
APPLICANT: BROW, MARY ANN D.
OLIVE, DAVID M.
TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF
PATHOGENS
NUMBER OF SEQUENCES: 165
CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL
STREET: 220 MONTGOMERY STREET, SUITE 2200
CITY: SAN FRANCISCO
STATE: CALIFORNIA
COUNTRY: UNITED STATES OF AMERICA
ZIP: 94104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/941,193A
FILING DATE: 28-Aug-2001
CLASSIFICATION: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: CARROLL, PETER G.
REGISTRATION NUMBER: 32,837
REFERENCE/DOCKET NUMBER: FORS-01756
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 123:
SEQUENCE CHARACTERISTICS:
LENGTH: 281 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 123:

US-09-941-193A-123

Query Match 100.0%; Score 20; DB 3; Length 281;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCAACTACTC 20
Db 218 TTTCGGACCCCAACTACTC 199

RESULT 102
US-09-941-193A-126/c
Sequence 126, Application US/09941193A
Publication No. US20030108873A1
GENERAL INFORMATION:
APPLICANT: BROW, MARY ANN D.
LYAMICHEV, VICTOR I.
OLIVE, DAVID M.
TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF
PATHOGENS
NUMBER OF SEQUENCES: 165
CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL
STREET: 220 MONTGOMERY STREET, SUITE 2200
CITY: SAN FRANCISCO
STATE: CALIFORNIA
COUNTRY: UNITED STATES OF AMERICA
ZIP: 94104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/941,193A
FILING DATE: 28-Aug-2001
CLASSIFICATION: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: CARROLL, PETER G.
REGISTRATION NUMBER: 32,837
REFERENCE/DOCKET NUMBER: FORS-01756
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 126:
SEQUENCE CHARACTERISTICS:
LENGTH: 281 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 126:
US-09-941-193A-126

Query Match 100.0%; Score 20; DB 3; Length 281;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCAACTACTC 20
Db 218 TTTCGGACCCCAACTACTC 199

RESULT 103
US-09-941-193A-127
Sequence 127, Application US/09941193A
Publication No. US20030108873A1
GENERAL INFORMATION:
APPLICANT: BROW, MARY ANN D.
LYAMICHEV, VICTOR I.
OLIVE, DAVID M.
TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF

PATHOGENS
NUMBER OF SEQUENCES: 165
CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL
STREET: 220 MONTGOMERY STREET, SUITE 2200
CITY: SAN FRANCISCO
STATE: CALIFORNIA
COUNTRY: UNITED STATES OF AMERICA
ZIP: 94104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/941,193A
FILING DATE: 28-Aug-2001
CLASSIFICATION: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: CARROLL, PETER G.
REGISTRATION NUMBER: 32,837
REFERENCE/DOCKET NUMBER: FORS-01756
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 127:
SEQUENCE CHARACTERISTICS:
LENGTH: 281 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 127:
US-09-941-193A-127
Query Match 100.0%; Score 20; DB 3; Length 281;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 TTTCGGACCCCAACTACTC 20
Db 64 TTTCGGACCCCAACTACTC 83
RESULT 104
US-09-941-193A-128
Sequence 128, Application US/09941193A
Publication No. US20030108873A1
GENERAL INFORMATION:
APPLICANT: BROW, MARY ANN D.
LYAMICHEV, VICTOR I.
OLIVE, DAVID M.
TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF
PATHOGENS
NUMBER OF SEQUENCES: 165
CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL
STREET: 220 MONTGOMERY STREET, SUITE 2200
CITY: SAN FRANCISCO
STATE: CALIFORNIA
COUNTRY: UNITED STATES OF AMERICA
ZIP: 94104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/941,193A
FILING DATE: 28-Aug-2001
CLASSIFICATION: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: CARROLL, PETER G.
REGISTRATION NUMBER: 32,837
REFERENCE/DOCKET NUMBER: FORS-01756
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 129:
SEQUENCE CHARACTERISTICS:
LENGTH: 281 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 129:
US-09-941-193A-129
Query Match 100.0%; Score 20; DB 3; Length 281;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 TTTCGGACCCCAACTACTC 20
Db 64 TTTCGGACCCCAACTACTC 83
RESULT 105
US-09-941-193A-129
Sequence 129, Application US/09941193A
Publication No. US20030108873A1
GENERAL INFORMATION:
APPLICANT: BROW, MARY ANN D.
LYAMICHEV, VICTOR I.
OLIVE, DAVID M.
TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF
PATHOGENS
NUMBER OF SEQUENCES: 165
CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL
STREET: 220 MONTGOMERY STREET, SUITE 2200
CITY: SAN FRANCISCO
STATE: CALIFORNIA
COUNTRY: UNITED STATES OF AMERICA
ZIP: 94104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/941,193A
FILING DATE: 28-Aug-2001
CLASSIFICATION: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: CARROLL, PETER G.
REGISTRATION NUMBER: 32,837
REFERENCE/DOCKET NUMBER: FORS-01756
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 129:
SEQUENCE CHARACTERISTICS:
LENGTH: 281 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 129:
US-09-941-193A-129
Query Match 100.0%; Score 20; DB 3; Length 281;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 TTTCGGACCCCAACTACTC 20
Db 64 TTTCGGACCCCAACTACTC 83

PATHOGENS
REGISTRATION NUMBER: 32,837
REFERENCE/DOCKET NUMBER: FORS-01756
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 128:
SEQUENCE CHARACTERISTICS:
LENGTH: 281 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 128:
US-09-941-193A-128
Query Match 100.0%; Score 20; DB 3; Length 281;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 TTTCGGACCCCAACTACTC 20
Db 64 TTTCGGACCCCAACTACTC 83
RESULT 105
US-09-941-193A-129
Sequence 129, Application US/09941193A
Publication No. US20030108873A1
GENERAL INFORMATION:
APPLICANT: BROW, MARY ANN D.
LYAMICHEV, VICTOR I.
OLIVE, DAVID M.
TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF
PATHOGENS
NUMBER OF SEQUENCES: 165
CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL
STREET: 220 MONTGOMERY STREET, SUITE 2200
CITY: SAN FRANCISCO
STATE: CALIFORNIA
COUNTRY: UNITED STATES OF AMERICA
ZIP: 94104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/941,193A
FILING DATE: 28-Aug-2001
CLASSIFICATION: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: CARROLL, PETER G.
REGISTRATION NUMBER: 32,837
REFERENCE/DOCKET NUMBER: FORS-01756
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 129:
SEQUENCE CHARACTERISTICS:
LENGTH: 281 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 129:
US-09-941-193A-129
Query Match 100.0%; Score 20; DB 3; Length 281;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 TTTCGGACCCCAACTACTC 20
Db 64 TTTCGGACCCCAACTACTC 83

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Db 64 TTTCGGACCCCAACTACTC 83
|||||
RESULT 106
US-09-941-193A-132
; Sequence 132, Application US/09941193A
; Publication No. US20030108873A1
; GENERAL INFORMATION:
; APPLICANT: BROW, MARY ANN D.
; LYAMICHEV, VICTOR I.
; OLIVE, DAVID M.
; TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF
; PATHOGENS
; NUMBER OF SEQUENCES: 165
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL
; STREET: 220 MONTGOMERY STREET, SUITE 2200
; CITY: SAN FRANCISCO
; STATE: CALIFORNIA
; COUNTRY: UNITED STATES OF AMERICA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/941,193A
; FILING DATE: 28-Aug-2001
; CLASSIFICATION: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: CARROLL, PETER G.
; REGISTRATION NUMBER: 32,837
; REFERENCE/DOCKET NUMBER: FORS-01756
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 132:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 281 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; SEQUENCE DESCRIPTION: SEQ ID NO: 132:
US-09-941-193A-132
Query Match 100.0%; Score 20; DB 3; Length 281;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCAACTACTC 20
|||||
Db 64 TTTCGGACCCCAACTACTC 83
|||||
RESULT 107
US-10-409-594-121/c
; Sequence 121, Application US/10409594
; Publication No. US20050158716A1
; GENERAL INFORMATION:
; APPLICANT: BROW, MARY ANN D.
; LYAMICHEV, VICTOR I.
; OLIVE, DAVID M.
; TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF
; PATHOGENS
; NUMBER OF SEQUENCES: 165
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL
; STREET: 220 MONTGOMERY STREET, SUITE 2200
; CITY: SAN FRANCISCO
; STATE: CALIFORNIA
; COUNTRY: UNITED STATES OF AMERICA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/409,594
; FILING DATE: 08-Apr-2003
; CLASSIFICATION: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: CARROLL, PETER G.
; REGISTRATION NUMBER: 32,837
; REFERENCE/DOCKET NUMBER: FORS-01756
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 121:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 281 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; SEQUENCE DESCRIPTION: SEQ ID NO: 121:
US-10-409-594-121
Query Match 100.0%; Score 20; DB 9; Length 281;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCAACTACTC 20
|||||
Db 218 TTTCGGACCCCAACTACTC 199
|||||
RESULT 108
US-10-409-594-123/c
; Sequence 123, Application US/10409594
; Publication No. US20050158716A1
; GENERAL INFORMATION:
; APPLICANT: BROW, MARY ANN D.
; LYAMICHEV, VICTOR I.
; OLIVE, DAVID M.
; TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF
; PATHOGENS
; NUMBER OF SEQUENCES: 165
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL
; STREET: 220 MONTGOMERY STREET, SUITE 2200
; CITY: SAN FRANCISCO
; STATE: CALIFORNIA
; COUNTRY: UNITED STATES OF AMERICA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/409,594
; FILING DATE: 08-Apr-2003
; CLASSIFICATION: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: CARROLL, PETER G.
; REGISTRATION NUMBER: 32,837
; REFERENCE/DOCKET NUMBER: FORS-01756
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 123:
; SEQUENCE CHARACTERISTICS:
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; LENGTH: 281 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; SEQUENCE DESCRIPTION: SEQ ID NO: 123:
US-10-409-594-123

Query Match          100.0%; Score 20; DB 9; Length 281;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTCGCGACCCCAACTACTC 20
Db 218 TTCGCGACCCCAACTACTC 199

RESULT 109
US-10-409-594-126/c
; Sequence 126, Application US/10409594
; Publication No. US20050158716A1
; GENERAL INFORMATION:
; APPLICANT: BROW, MARY ANN D.
; LYAMICHEV, VICTOR I.
; OLIVE, DAVID M.
; TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF
; PATHOGENS
; NUMBER OF SEQUENCES: 165
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL
; STREET: 220 MONTGOMERY STREET, SUITE 2200
; CITY: SAN FRANCISCO
; STATE: CALIFORNIA
; COUNTRY: UNITED STATES OF AMERICA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/409,594
; FILING DATE: 08-Apr-2003
; CLASSIFICATION: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: CARROLL, PETER G.
; REGISTRATION NUMBER: 32,837
; REFERENCE/DOCKET NUMBER: FORS-01756
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 127:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 281 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; SEQUENCE DESCRIPTION: SEQ ID NO: 127:
US-10-409-594-127

Query Match          100.0%; Score 20; DB 9; Length 281;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTCGCGACCCCAACTACTC 20
Db 64 TTCGCGACCCCAACTACTC 83

RESULT 111
US-10-409-594-128
; Sequence 128, Application US/10409594
; Publication No. US20050158716A1
; GENERAL INFORMATION:
; APPLICANT: BROW, MARY ANN D.
; LYAMICHEV, VICTOR I.
; OLIVE, DAVID M.
; TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF
; PATHOGENS
; NUMBER OF SEQUENCES: 165
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL
; STREET: 220 MONTGOMERY STREET, SUITE 2200
; CITY: SAN FRANCISCO
; STATE: CALIFORNIA
; COUNTRY: UNITED STATES OF AMERICA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/409,594
; FILING DATE: 08-Apr-2003
; CLASSIFICATION: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: CARROLL, PETER G.
; REGISTRATION NUMBER: 32,837
; REFERENCE/DOCKET NUMBER: FORS-01756
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 126:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 281 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; SEQUENCE DESCRIPTION: SEQ ID NO: 126:
US-10-409-594-126

Query Match          100.0%; Score 20; DB 9; Length 281;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTCGCGACCCCAACTACTC 20
Db 218 TTCGCGACCCCAACTACTC 199

RESULT 110
US-10-409-594-127
; Sequence 127, Application US/10409594
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;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/409,594
; FILING DATE: 08-Apr-2003
; CLASSIFICATION: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: CARROLL, PETER G.
; REGISTRATION NUMBER: 32,837
; REFERENCE/DOCKET NUMBER: FORS-01756
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 128:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 281 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; SEQUENCE DESCRIPTION: SEQ ID NO: 128:
US-10-409-594-128

Query Match 100.0%; Score 20; DB 9; Length 281;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCAACTACTC 20
Db 64 TTTCGGACCCCAACTACTC 83

RESULT 112
US-10-409-594-129
; Sequence 129, Application US/10409594
; Publication No. US20050158716A1
; GENERAL INFORMATION:
; APPLICANT: BROW, MARY ANN D.
; OLIVE, DAVID M.
; TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF
; PATHOGENS
; NUMBER OF SEQUENCES: 165
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL
; STREET: 220 MONTGOMERY STREET, SUITE 2200
; CITY: SAN FRANCISCO
; STATE: CALIFORNIA
; COUNTRY: UNITED STATES OF AMERICA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/409,594
; FILING DATE: 08-Apr-2003
; CLASSIFICATION: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: CARROLL, PETER G.
; REGISTRATION NUMBER: 32,837
; REFERENCE/DOCKET NUMBER: FORS-01756
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 129:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 281 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; SEQUENCE DESCRIPTION: SEQ ID NO: 129:
US-10-409-594-129

Query Match 100.0%; Score 20; DB 9; Length 281;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCAACTACTC 20
Db 64 TTTCGGACCCCAACTACTC 83

RESULT 113
US-10-409-594-132
; Sequence 132, Application US/10409594
; Publication No. US20050158716A1
; GENERAL INFORMATION:
; APPLICANT: BROW, MARY ANN D.
; LYAMICHEV, VICTOR I.
; OLIVE, DAVID M.
; TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF
; PATHOGENS
; NUMBER OF SEQUENCES: 165
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL
; STREET: 220 MONTGOMERY STREET, SUITE 2200
; CITY: SAN FRANCISCO
; STATE: CALIFORNIA
; COUNTRY: UNITED STATES OF AMERICA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/409,594
; FILING DATE: 08-Apr-2003
; CLASSIFICATION: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: CARROLL, PETER G.
; REGISTRATION NUMBER: 32,837
; REFERENCE/DOCKET NUMBER: FORS-01756
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 132:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 281 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; SEQUENCE DESCRIPTION: SEQ ID NO: 132:
US-10-409-594-132

Query Match 100.0%; Score 20; DB 9; Length 281;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCAACTACTC 20
Db 64 TTTCGGACCCCAACTACTC 83

RESULT 114
US-09-940-925A-124/c
; Sequence 124, Application US/09940925A
; Publication No. US20030054338A1
; GENERAL INFORMATION:
; APPLICANT: BROW, MARY ANN D.
; LYAMICHEV, VICTOR I.
; OLIVE, DAVID M.
; TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF
; PATHOGENS
; US-10-409-594-129

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Db 219 TTCGCGACCCCAACTACTC 200

RESULT 117

US-09-941-193A-130

Sequence 130, Application US/09941193A

Publication No. US20030108873A1

GENERAL INFORMATION:

APPLICANT: BROW, MARY ANN D.

LYAMICHEV, VICTOR I.

OLIVE, DAVID M.

TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF PATHOGENS

NUMBER OF SEQUENCES: 165

CORRESPONDENCE ADDRESS:

ADDRESSEE: MEDLEN & CARROLL

STREET: 220 MONTGOMERY STREET, SUITE 2200

CITY: SAN FRANCISCO

STATE: CALIFORNIA

COUNTRY: UNITED STATES OF AMERICA

ZIP: 94104

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/941,193A

FILING DATE: 28-Aug-2001

CLASSIFICATION: <Unknown>

ATTORNEY/AGENT INFORMATION:

NAME: CARROLL, PETER G.

REGISTRATION NUMBER: 32,837

REFERENCE/DOCKET NUMBER: FORS-01756

TELECOMMUNICATION INFORMATION:

TELEPHONE: (415) 705-8410

TELEFAX: (415) 397-8338

INFORMATION FOR SEQ ID NO: 130:

SEQUENCE CHARACTERISTICS:

LENGTH: 282 base pairs

TYPE: nucleic acid

STRANDEDNESS: double

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

SEQUENCE DESCRIPTION: SEQ ID NO: 130:

US-09-941-193A-130

Query Match 100.0%; Score 20; DB 3; Length 282;

Best Local Similarity 100.0%; Pred. No. 0.019;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTCGCGACCCCAACTACTC 20

|||||

Db 64 TTCGCGACCCCAACTACTC 83

RESULT 118

US-10-409-594-124/c

Sequence 124, Application US/10409594

Publication No. US20050158716A1

GENERAL INFORMATION:

APPLICANT: BROW, MARY ANN D.

LYAMICHEV, VICTOR I.

OLIVE, DAVID M.

TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF PATHOGENS

NUMBER OF SEQUENCES: 165

CORRESPONDENCE ADDRESS:

ADDRESSEE: MEDLEN & CARROLL

STREET: 220 MONTGOMERY STREET, SUITE 2200

CITY: SAN FRANCISCO

STATE: CALIFORNIA

COUNTRY: UNITED STATES OF AMERICA

ZIP: 94104

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/409,594

FILING DATE: 08-Apr-2003

CLASSIFICATION: <Unknown>

ATTORNEY/AGENT INFORMATION:

NAME: CARROLL, PETER G.

REGISTRATION NUMBER: 32,837

REFERENCE/DOCKET NUMBER: FORS-01756

TELECOMMUNICATION INFORMATION:

TELEPHONE: (415) 705-8410

TELEFAX: (415) 397-8338

INFORMATION FOR SEQ ID NO: 130:

SEQUENCE CHARACTERISTICS:

LENGTH: 282 base pairs

TYPE: nucleic acid

STRANDEDNESS: double

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

SEQUENCE DESCRIPTION: SEQ ID NO: 130:

US-09-941-193A-130

Query Match 100.0%; Score 20; DB 3; Length 282;

Best Local Similarity 100.0%; Pred. No. 0.019;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTCGCGACCCCAACTACTC 20

|||||

Db 64 TTCGCGACCCCAACTACTC 83

RESULT 119

US-10-409-594-130

Sequence 130, Application US/10409594

Publication No. US20050158716A1

GENERAL INFORMATION:

APPLICANT: BROW, MARY ANN D.

LYAMICHEV, VICTOR I.

OLIVE, DAVID M.

TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF PATHOGENS

NUMBER OF SEQUENCES: 165

CORRESPONDENCE ADDRESS:

ADDRESSEE: MEDLEN & CARROLL

STREET: 220 MONTGOMERY STREET, SUITE 2200

CITY: SAN FRANCISCO

STATE: CALIFORNIA

COUNTRY: UNITED STATES OF AMERICA

ZIP: 94104

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/409,594

FILING DATE: 08-Apr-2003

CLASSIFICATION: <Unknown>

ATTORNEY/AGENT INFORMATION:

NAME: CARROLL, PETER G.

REGISTRATION NUMBER: 32,837

REFERENCE/DOCKET NUMBER: FORS-01756

TELECOMMUNICATION INFORMATION:

TELEPHONE: (415) 705-8410

TELEFAX: (415) 397-8338

INFORMATION FOR SEQ ID NO: 130:

SEQUENCE CHARACTERISTICS:

LENGTH: 282 base pairs

TYPE: nucleic acid

STRANDEDNESS: double

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

SEQUENCE DESCRIPTION: SEQ ID NO: 124:

US-10-409-594-124

Query Match 100.0%; Score 20; DB 9; Length 282;

Best Local Similarity 100.0%; Pred. No. 0.019;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTCGCGACCCCAACTACTC 20

|||||

Db 219 TTCGCGACCCCAACTACTC 200


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; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; SEQUENCE DESCRIPTION: SEQ ID NO: 130:
US-10-409-594-130

Query Match      100.0%; Score 20; DB 9; Length 282;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 TTTCGGACCCCACTACTC 20
Db      64 TTTCGGACCCCACTACTC 83

RESULT 120
US-09-825-574-21/c
; Sequence 21, Application US/09825574
; Patent No. US20020119454A1
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor I.
;      Brow, Mary Ann D.
;      Fors, Lance
;      Neri, Bruce P.
; TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
;      Structure Probing With Structure-Bridging
;      Oligonucleotides.
; NUMBER OF SEQUENCES: 51
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL, LLP
; STREET: 220 Montgomery Street, Suite 2200
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/825,574
; FILING DATE: 03-Apr-2001
; CLASSIFICATION: <Unknown>
; APPLICATION NUMBER: 08/934,097
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: MacKnight, Kamrin T.
; REGISTRATION NUMBER: 38,230
; REFERENCE/DOCKET NUMBER: FORS-02980
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 286 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "DNA"
; SEQUENCE DESCRIPTION: SEQ ID NO: 21:
US-09-825-574-21

Query Match      100.0%; Score 20; DB 3; Length 286;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 TTTCGGACCCCACTACTC 20
Db      222 TTTCGGACCCCACTACTC 203

RESULT 123
US-10-655-362-21/c
; Sequence 21, Application US/10655362
```

```
RESULT 121
US-09-882-945A-21/c
; Sequence 21, Application US/09882945A
; Publication No. US2003014335A1
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor
; APPLICANT: Allawi, Hatim
; APPLICANT: Dong, Fang
; APPLICANT: Neri, Bruce
; APPLICANT: Vener, Tatiana
; TITLE OF INVENTION: Nucleic Acid Accessible Hybridization Sites
; FILE REFERENCE: FORS-04586
; CURRENT APPLICATION NUMBER: US/09/882,945A
; NUMBER OF SEQ ID NOS: 334
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 21
; LENGTH: 286
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
; US-09-882-945A-21

Query Match      100.0%; Score 20; DB 3; Length 286;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 TTTCGGACCCCACTACTC 20
Db      222 TTTCGGACCCCACTACTC 203

RESULT 122
US-10-807-114-21/c
; Sequence 21, Application US/10807114
; Publication No. US20040235024A1
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor
; APPLICANT: Allawi, Hatim
; APPLICANT: Dong, Fang
; APPLICANT: Neri, Bruce
; APPLICANT: Vener, Tatiana
; TITLE OF INVENTION: Nucleic Acid Accessible Hybridization Sites
; FILE REFERENCE: FORS-04586
; CURRENT APPLICATION NUMBER: US/10/807,114
; CURRENT FILING DATE: 2004-03-23
; PRIOR APPLICATION NUMBER: US/09/882,945
; PRIOR FILING DATE: 2001-06-15
; NUMBER OF SEQ ID NOS: 334
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 21
; LENGTH: 286
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
; US-10-807-114-21

Query Match      100.0%; Score 20; DB 8; Length 286;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 TTTCGGACCCCACTACTC 20
Db      222 TTTCGGACCCCACTACTC 203

RESULT 123
US-10-655-362-21/c
; Sequence 21, Application US/10655362
```

```
; Publication No. US20050014163A1
; GENERAL INFORMATION:
; APPLICANT: Dong, Fang
; APPLICANT: Lyamichev, Victor
; APPLICANT: Prudent, James
; APPLICANT: Fors, Lance
; APPLICANT: Neri, Bruce
; APPLICANT: Brow, Mary Ann
; APPLICANT: Anderson, Todd
; APPLICANT: Dahlberg, James
; TITLE OF INVENTION: target-Dependent Reactions Using Structure-Bridging Oligonucleotides
; FILE REFERENCE: FORS-04012
; CURRENT APPLICATION NUMBER: US/10/655,362
; CURRENT FILING DATE: 2003-09-04
; PRIOR APPLICATION NUMBER: US/09/402,618B
; PRIOR FILING DATE: 2000-07-18
; PRIOR APPLICATION NUMBER: PCT/US98/03194
; PRIOR FILING DATE: 1998-05-05
; NUMBER OF SEQ ID NOS: 128
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 21
; LENGTH: 286
; TYPE: DNA
; ORGANISM: Hepatitis C virus
; US-10-655-362-21

Query Match      100.0%; Score 20; DB 8; Length 286;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 TTGCGACCCCAACTACTC 20
Db      222 TTGCGACCCCAACTACTC 203

RESULT 124
US-09-825-574-20/c
; Sequence 20, Application US/09825574
; Patent No. US20020119454A1
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor I.
;           Brow, Mary Ann D.
;           Fors, Lance
;           Neri, Bruce P.
; TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
;                   Structure Probing With Structure-Bridging
;                   Oligonucleotides.
; NUMBER OF SEQUENCES: 51
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL, LLP
; STREET: 220 Montgomery Street, Suite 2200
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/825,574
; FILING DATE: 03-Apr-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/934,097
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: MacKnight, Kamrin T.
; REGISTRATION NUMBER: 38,230
; REFERENCE/DOCKET NUMBER: FORS-02980
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 289 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "DNA"
; SEQUENCE DESCRIPTION: SEQ ID NO: 23:
US-09-825-574-23
```

```
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 20:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 289 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "DNA"
; SEQUENCE DESCRIPTION: SEQ ID NO: 20:
US-09-825-574-20

Query Match      100.0%; Score 20; DB 3; Length 289;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 TTGCGACCCCAACTACTC 20
Db      222 TTGCGACCCCAACTACTC 203

RESULT 125
US-09-825-574-23/c
; Sequence 23, Application US/09825574
; Patent No. US20020119454A1
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor I.
;           Brow, Mary Ann D.
;           Fors, Lance
;           Neri, Bruce P.
; TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
;                   Structure Probing With Structure-Bridging
;                   Oligonucleotides.
; NUMBER OF SEQUENCES: 51
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL, LLP
; STREET: 220 Montgomery Street, Suite 2200
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/825,574
; FILING DATE: 03-Apr-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/934,097
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: MacKnight, Kamrin T.
; REGISTRATION NUMBER: 38,230
; REFERENCE/DOCKET NUMBER: FORS-02980
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 289 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "DNA"
; SEQUENCE DESCRIPTION: SEQ ID NO: 23:
US-09-825-574-23

Query Match      100.0%; Score 20; DB 3; Length 289;
Best Local Similarity 100.0%; Pred. No. 0.019;
```

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTCGGGACCCAACTACTC 20
Db 222 TTCGGGACCCAACTACTC 203

RESULT 126

US-09-882-945A-20/c
; Sequence 20, Application US/09882945A
; Publication No. US20030143535A1
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor
; APPLICANT: Allawi, Hatim
; APPLICANT: Dong, Fang
; APPLICANT: Neri, Bruce
; APPLICANT: Vener, Tatiana
; TITLE OF INVENTION: Nucleic Acid Accessible Hybridization Sites
; FILE REFERENCE: FORS-04586
; CURRENT APPLICATION NUMBER: US/09/882,945A
; CURRENT FILING DATE: 2001-06-15
; NUMBER OF SEQ ID NOS: 334
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 20
; LENGTH: 289
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-882-945A-20

Query Match 100.0%; Score 20; DB 3; Length 289;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTCGGGACCCAACTACTC 20
Db 222 TTCGGGACCCAACTACTC 203

RESULT 127

US-09-882-945A-23/c
; Sequence 23, Application US/09882945A
; Publication No. US20030143535A1
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor
; APPLICANT: Allawi, Hatim
; APPLICANT: Dong, Fang
; APPLICANT: Neri, Bruce
; APPLICANT: Vener, Tatiana
; TITLE OF INVENTION: Nucleic Acid Accessible Hybridization Sites
; FILE REFERENCE: FORS-04586
; CURRENT APPLICATION NUMBER: US/09/882,945A
; CURRENT FILING DATE: 2001-06-15
; NUMBER OF SEQ ID NOS: 334
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 23
; LENGTH: 289
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-882-945A-23

Query Match 100.0%; Score 20; DB 3; Length 289;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTCGGGACCCAACTACTC 20
Db 222 TTCGGGACCCAACTACTC 203

RESULT 128

US-10-807-114-20/c
; Sequence 20, Application US/10807114
; Publication No. US20040235024A1
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor
; APPLICANT: Allawi, Hatim
; APPLICANT: Dong, Fang
; APPLICANT: Neri, Bruce
; APPLICANT: Vener, Tatiana
; TITLE OF INVENTION: Nucleic Acid Accessible Hybridization Sites
; FILE REFERENCE: FORS-04586
; CURRENT APPLICATION NUMBER: US/10/807,114
; CURRENT FILING DATE: 2004-03-23
; PRIOR APPLICATION NUMBER: US/09/882,945
; PRIOR FILING DATE: 2001-06-15
; NUMBER OF SEQ ID NOS: 334
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 20
; LENGTH: 289
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-807-114-20

Query Match 100.0%; Score 20; DB 8; Length 289;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTCGGACCCAACTACTC 20
Db 222 TTCGGACCCAACTACTC 203

RESULT 129

US-10-807-114-23/c
; Sequence 23, Application US/10807114
; Publication No. US20040235024A1
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor
; APPLICANT: Allawi, Hatim
; APPLICANT: Dong, Fang
; APPLICANT: Neri, Bruce
; APPLICANT: Vener, Tatiana
; TITLE OF INVENTION: Nucleic Acid Accessible Hybridization Sites
; FILE REFERENCE: FORS-04586
; CURRENT APPLICATION NUMBER: US/10/807,114
; CURRENT FILING DATE: 2004-03-23
; PRIOR APPLICATION NUMBER: US/09/882,945
; PRIOR FILING DATE: 2001-06-15
; NUMBER OF SEQ ID NOS: 334
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 23
; LENGTH: 289
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-807-114-23

Query Match 100.0%; Score 20; DB 8; Length 289;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTCGGACCCAACTACTC 20
Db 222 TTCGGACCCAACTACTC 203

RESULT 130

US-10-655-362-20/c
; Sequence 20, Application US/10655362

```

; Publication No. US20050014163A1
; GENERAL INFORMATION:
; APPLICANT: Dong, Fang
; APPLICANT: Lyamichev, Victor
; APPLICANT: Prudent, James
; APPLICANT: Fors, Lance
; APPLICANT: Neri, Bruce
; APPLICANT: Brow, Mary Ann
; APPLICANT: Anderson, Todd
; APPLICANT: Dahlberg, James
; TITLE OF INVENTION: Target-Dependent Reactions Using Structure-Bridging Oligonucleotides
; FILE REFERENCE: FORS-04012
; CURRENT APPLICATION NUMBER: US/10/655,362
; CURRENT FILING DATE: 2003-09-04
; PRIOR APPLICATION NUMBER: US/09/402,618B
; PRIOR FILING DATE: 2000-07-18
; PRIOR APPLICATION NUMBER: PCT/US98/03194
; PRIOR FILING DATE: 1998-05-05
; NUMBER OF SEQ ID NOS: 128
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 20
; LENGTH: 289
; TYPE: DNA
; ORGANISM: Hepatitis C virus
US-10-655-362-20

Query Match      100.0%; Score 20; DB 8; Length 289;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTCGCGACCCCAACTACTC 20
   |||||
Db 222 TTCGCGACCCCAACTACTC 203

RESULT 131
US-10-655-362-23/c
; Sequence 23, Application US/10655362
; Publication No. US20050014163A1
; GENERAL INFORMATION:
; APPLICANT: Dong, Fang
; APPLICANT: Lyamichev, Victor
; APPLICANT: Prudent, James
; APPLICANT: Fors, Lance
; APPLICANT: Neri, Bruce
; APPLICANT: Brow, Mary Ann
; APPLICANT: Anderson, Todd
; APPLICANT: Dahlberg, James
; TITLE OF INVENTION: Target-Dependent Reactions Using Structure-Bridging Oligonucleotides
; FILE REFERENCE: FORS-04012
; CURRENT APPLICATION NUMBER: US/10/655,362
; CURRENT FILING DATE: 2003-09-04
; PRIOR APPLICATION NUMBER: US/09/402,618B
; PRIOR FILING DATE: 2000-07-18
; PRIOR APPLICATION NUMBER: PCT/US98/03194
; PRIOR FILING DATE: 1998-05-05
; NUMBER OF SEQ ID NOS: 128
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 23
; LENGTH: 289
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-655-362-23

Query Match      100.0%; Score 20; DB 8; Length 289;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTCGCGACCCCAACTACTC 20
   |||||
Db 222 TTCGCGACCCCAACTACTC 203

; Publication No. US20050014163A1
; GENERAL INFORMATION:
; APPLICANT: Dong, Fang
; APPLICANT: Lyamichev, Victor
; APPLICANT: Prudent, James
; APPLICANT: Fors, Lance
; APPLICANT: Neri, Bruce
; APPLICANT: Brow, Mary Ann
; APPLICANT: Anderson, Todd
; APPLICANT: Dahlberg, James
; TITLE OF INVENTION: Target-Dependent Reactions Using Structure-Bridging Oligonucleotides
; FILE REFERENCE: FORS-04012
; CURRENT APPLICATION NUMBER: US/10/655,362
; CURRENT FILING DATE: 2003-09-04
; PRIOR APPLICATION NUMBER: US/09/402,618B
; PRIOR FILING DATE: 2000-07-18
; PRIOR APPLICATION NUMBER: PCT/US98/03194
; PRIOR FILING DATE: 1998-05-05
; NUMBER OF SEQ ID NOS: 128
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 23
; LENGTH: 289
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-655-362-23

Query Match      100.0%; Score 20; DB 8; Length 289;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTCGCGACCCCAACTACTC 20
   |||||
Db 222 TTCGCGACCCCAACTACTC 203
```

```

RESULT 132
US-09-345-761-7/c
; Sequence 7, Application US/09345761
; Patent No. US20010053518A1
; GENERAL INFORMATION:
; APPLICANT: ISHIGURO, Takahiko
; APPLICANT: SAITOH, Juichi
; APPLICANT: ISHIZUKA, Tetsuya
; TITLE OF INVENTION: METHOD OF ASSAY OF TARGET NUCLEIC ACID
; FILE REFERENCE: Q54969
; CURRENT APPLICATION NUMBER: US/09/345,761
; CURRENT FILING DATE: 1999-07-01
; PRIOR APPLICATION NUMBER: JP 10-186434
; PRIOR FILING DATE: 1998-07-01
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 7
; LENGTH: 298
; TYPE: RNA
; ORGANISM: Synthetic Construct
US-09-345-761-7

Query Match      100.0%; Score 20; DB 3; Length 298;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTCGCGACCCCAACTACTC 20
   |||||
Db 261 TTCGCGACCCCAACTACTC 242

RESULT 133
US-10-687-588-7/c
; Sequence 7, Application US/10687588
; Publication No. US20040115718A1
; GENERAL INFORMATION:
; APPLICANT: ISHIGURO, Takahiko
; APPLICANT: SAITOH, Juichi
; APPLICANT: ISHIZUKA, Tetsuya
; TITLE OF INVENTION: METHOD OF ASSAY OF TARGET NUCLEIC ACID
; FILE REFERENCE: Q54969
; CURRENT APPLICATION NUMBER: US/10/687,588
; CURRENT FILING DATE: 2003-10-20
; PRIOR APPLICATION NUMBER: US/09/345,761
; PRIOR FILING DATE: 1999-07-01
; PRIOR APPLICATION NUMBER: JP 10-186434
; PRIOR FILING DATE: 1998-07-01
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 7
; LENGTH: 298
; TYPE: RNA
; ORGANISM: Synthetic Construct
US-10-687-588-7

Query Match      100.0%; Score 20; DB 7; Length 298;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTCGCGACCCCAACTACTC 20
   |||||
Db 261 TTCGCGACCCCAACTACTC 242

RESULT 134
US-10-230-381-1/c
; Sequence 1, Application US/10230381
; Publication No. US20030152591A1
; GENERAL INFORMATION:
; APPLICANT: Innogenetics N.V.
; TITLE OF INVENTION: New hepatitis C virus genotype 13, and its use as prophylactic,
```

; TITLE OF INVENTION: therapeutic and diagnostic agents
; FILE REFERENCE: INX-124-EP
; CURRENT APPLICATION NUMBER: US/10/230,381
; CURRENT FILING DATE: 2002-08-29
; NUMBER OF SEQ ID NOS: 63
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 299
; TYPE: DNA
; ORGANISM: hepatitis C virus
US-10-230-381-1

Query Match 100.0%; Score 20; DB 6; Length 299;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTCGCGACCCCAACTACTC 20
|||||
DB 233 TTCGCGACCCCAACTACTC 214

RESULT 135

US-10-363-177A-63/c
; Sequence 63, Application US/10363177A
; Publication No. US20050084851A1
; GENERAL INFORMATION:
; APPLICANT: Pyrosequencing AB
; APPLICANT: The Board of Trustees of the Leland Stanford Junior University
; APPLICANT: Ronaghi, Mostafa
; APPLICANT: Pourmand, Nader
; APPLICANT: Ekstrom, Bjorn
; TITLE OF INVENTION: Method of nucleic acid typing and sequencing
; FILE REFERENCE: Docket 14629
; CURRENT APPLICATION NUMBER: US/10/363,177A
; CURRENT FILING DATE: 2003-03-06
; NUMBER OF SEQ ID NOS: 72
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 63
; LENGTH: 305
; TYPE: DNA
; ORGANISM: Hepatitis C virus
US-10-363-177A-63

Query Match 100.0%; Score 20; DB 9; Length 305;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTCGCGACCCCAACTACTC 20
|||||
DB 233 TTCGCGACCCCAACTACTC 214

RESULT 136

US-10-363-177A-64/c
; Sequence 64, Application US/10363177A
; Publication No. US20050084851A1
; GENERAL INFORMATION:
; APPLICANT: Pyrosequencing AB
; APPLICANT: The Board of Trustees of the Leland Stanford Junior University
; APPLICANT: Ronaghi, Mostafa
; APPLICANT: Pourmand, Nader
; APPLICANT: Ekstrom, Bjorn
; TITLE OF INVENTION: Method of nucleic acid typing and sequencing
; FILE REFERENCE: Docket 14629
; CURRENT APPLICATION NUMBER: US/10/363,177A
; CURRENT FILING DATE: 2003-03-06
; NUMBER OF SEQ ID NOS: 72
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 64
; LENGTH: 305
; TYPE: DNA
; ORGANISM: Hepatitis C virus
US-10-363-177A-64

Query Match 100.0%; Score 20; DB 9; Length 305;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTCGCGACCCCAACTACTC 20
|||||
DB 233 TTCGCGACCCCAACTACTC 214

RESULT 137

US-10-363-177A-68/c
; Sequence 68, Application US/10363177A
; Publication No. US20050084851A1
; GENERAL INFORMATION:
; APPLICANT: Pyrosequencing AB
; APPLICANT: The Board of Trustees of the Leland Stanford Junior University
; APPLICANT: Ronaghi, Mostafa
; APPLICANT: Pourmand, Nader
; APPLICANT: Ekstrom, Bjorn
; TITLE OF INVENTION: Method of nucleic acid typing and sequencing
; FILE REFERENCE: Docket 14629
; CURRENT APPLICATION NUMBER: US/10/363,177A
; CURRENT FILING DATE: 2003-03-06
; NUMBER OF SEQ ID NOS: 72
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 68
; LENGTH: 305
; TYPE: DNA
; ORGANISM: Hepatitis C virus
US-10-363-177A-68

Query Match 100.0%; Score 20; DB 9; Length 305;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTCGCGACCCCAACTACTC 20
|||||
DB 233 TTCGCGACCCCAACTACTC 214

RESULT 138

US-09-345-761-6/c
; Sequence 6, Application US/09345761
; Patent No. US20010053518A1
; GENERAL INFORMATION:
; APPLICANT: ISHIGURO, Takahiko
; APPLICANT: SAITOH, Juichi
; APPLICANT: ISHIZUKA, Tetsuya
; TITLE OF INVENTION: METHOD OF ASSAY OF TARGET NUCLEIC ACID
; FILE REFERENCE: Q54969
; CURRENT APPLICATION NUMBER: US/09/345,761
; CURRENT FILING DATE: 1999-07-01
; PRIOR APPLICATION NUMBER: JP 10-186434
; PRIOR FILING DATE: 1998-07-01
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6
; LENGTH: 315
; TYPE: DNA
; ORGANISM: Synthetic Construct
US-09-345-761-6

Query Match 100.0%; Score 20; DB 3; Length 315;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTCGCGACCCCAACTACTC 20
|||||
DB 278 TTCGCGACCCCAACTACTC 259

RESULT 139

US-10-687-588-6/c
; Sequence 6, Application US/10687588
; Publication No. US20040115718A1
; GENERAL INFORMATION:
; APPLICANT: ISHIGURO, Takahiko
; APPLICANT: SAITOH, Juichi
; APPLICANT: ISHIZUKA, Tetuya
; TITLE OF INVENTION: METHOD OF ASSAY OF TARGET NUCLEIC ACID
; FILE REFERENCE: Q54969
; CURRENT APPLICATION NUMBER: US/10/687,588
; CURRENT FILING DATE: 2003-10-20
; PRIOR APPLICATION NUMBER: US/09/345,761
; PRIOR FILING DATE: 1999-07-01
; PRIOR APPLICATION NUMBER: JP 10-1866434
; PRIOR FILING DATE: 1998-07-01
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6
; LENGTH: 315
; TYPE: DNA
; ORGANISM: Synthetic Construct
US-10-687-588-6

Query Match 100.0%; Score 20; DB 7; Length 315;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTCGCGACCCCAACTACTC 20
|||||
Db 278 TTCGCGACCCCAACTACTC 259

RESULT 140

US-09-882-945A-240/c
; Sequence 240, Application US/09882945A
; Publication No. US20030143535A1
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor
; APPLICANT: Allawi, Hatim
; APPLICANT: Dong, Fang
; APPLICANT: Neri, Bruce
; APPLICANT: Vener, Tatiana
; TITLE OF INVENTION: Nucleic Acid Accessible Hybridization Sites
; FILE REFERENCE: FORS-04586
; CURRENT APPLICATION NUMBER: US/09/882,945A
; CURRENT FILING DATE: 2001-06-15
; NUMBER OF SEQ ID NOS: 334
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 240
; LENGTH: 328
; TYPE: RNA
; ORGANISM: Hepatitis C virus
US-09-882-945A-240

Query Match 100.0%; Score 20; DB 3; Length 328;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTCGCGACCCCAACTACTC 20
|||||
Db 257 TTCGCGACCCCAACTACTC 238

RESULT 141

US-09-882-945A-242/c
; Sequence 242, Application US/09882945A
; Publication No. US20030143535A1
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor
; APPLICANT: Allawi, Hatim
; APPLICANT: Dong, Fang
; APPLICANT: Neri, Bruce
; APPLICANT: Vener, Tatiana

; TITLE OF INVENTION: Nucleic Acid Accessible Hybridization Sites
; FILE REFERENCE: FORS-04586
; CURRENT APPLICATION NUMBER: US/09/882,945A
; CURRENT FILING DATE: 2001-06-15
; NUMBER OF SEQ ID NOS: 334
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 242
; LENGTH: 328
; TYPE: RNA
; ORGANISM: Hepatitis C virus
US-09-882-945A-242

Query Match 100.0%; Score 20; DB 3; Length 328;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTCGCGACCCCAACTACTC 20
|||||
Db 257 TTCGCGACCCCAACTACTC 238

RESULT 142

US-09-882-945A-245/c
; Sequence 245, Application US/09882945A
; Publication No. US20030143535A1
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor
; APPLICANT: Allawi, Hatim
; APPLICANT: Dong, Fang
; APPLICANT: Neri, Bruce
; APPLICANT: Vener, Tatiana
; TITLE OF INVENTION: Nucleic Acid Accessible Hybridization Sites
; FILE REFERENCE: FORS-04586
; CURRENT APPLICATION NUMBER: US/09/882,945A
; CURRENT FILING DATE: 2001-06-15
; NUMBER OF SEQ ID NOS: 334
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 245
; LENGTH: 328
; TYPE: RNA
; ORGANISM: Hepatitis C virus
US-09-882-945A-245

Query Match 100.0%; Score 20; DB 3; Length 328;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTCGCGACCCCAACTACTC 20
|||||
Db 257 TTCGCGACCCCAACTACTC 238

RESULT 143

US-10-475-024-18/c
; Sequence 18, Application US/10475024
; Publication No. US20040219545A1
; GENERAL INFORMATION:
; APPLICANT: Rando, Robert F.
; APPLICANT: Welch, Ellen
; TITLE OF INVENTION: METHODS FOR IDENTIFYING SMALL MOLECULES THAT BIND SPECIFIC RNA
; FILE REFERENCE: 10589-007-999
; CURRENT APPLICATION NUMBER: US/10/475,024
; CURRENT FILING DATE: 2003-10-10
; PRIOR APPLICATION NUMBER: 60/282,965
; PRIOR FILING DATE: 2001-04-11
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 18
; LENGTH: 328
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-475-024-18

```
Query Match      100.0%; Score 20; DB 8; Length 328;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTTCGGACCCCAACTACTC 20
Db 263 TTTCGGACCCCAACTACTC 244

RESULT 144
US-10-807-114-240/c
; Sequence 240, Application US/10807114
; Publication No. US20040235024A1
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor
; APPLICANT: Allawi, Hatim
; APPLICANT: Dong, Fang
; APPLICANT: Neri, Bruce
; APPLICANT: Vener, Tatiana
; TITLE OF INVENTION: Nucleic Acid Accessible Hybridization Sites
; FILE REFERENCE: FORS-04586
; CURRENT APPLICATION NUMBER: US/10/807,114
; CURRENT FILING DATE: 2004-03-23
; PRIOR APPLICATION NUMBER: US/09/882,945
; PRIOR FILING DATE: 2001-06-15
; NUMBER OF SEQ ID NOS: 334
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 240
; LENGTH: 328
; TYPE: RNA
; ORGANISM: Hepatitis C virus
US-10-807-114-240

Query Match      100.0%; Score 20; DB 8; Length 328;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTTCGGACCCCAACTACTC 20
Db 257 TTTCGGACCCCAACTACTC 238

RESULT 145
US-10-807-114-242/c
; Sequence 242, Application US/10807114
; Publication No. US20040235024A1
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor
; APPLICANT: Allawi, Hatim
; APPLICANT: Dong, Fang
; APPLICANT: Neri, Bruce
; APPLICANT: Vener, Tatiana
; TITLE OF INVENTION: Nucleic Acid Accessible Hybridization Sites
; FILE REFERENCE: FORS-04586
; CURRENT APPLICATION NUMBER: US/10/807,114
; CURRENT FILING DATE: 2004-03-23
; PRIOR APPLICATION NUMBER: US/09/882,945
; PRIOR FILING DATE: 2001-06-15
; NUMBER OF SEQ ID NOS: 334
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 242
; LENGTH: 328
; TYPE: RNA
; ORGANISM: Hepatitis C virus
US-10-807-114-242

Query Match      100.0%; Score 20; DB 8; Length 328;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTTCGGACCCCAACTACTC 20
Db 263 TTTCGGACCCCAACTACTC 244

RESULT 148
US-09-940-244-45/c
; Sequence 45, Application US/09940244
```

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Db 257 TTTCGGACCCCAACTACTC 238

RESULT 146
US-10-807-114-245/c
; Sequence 245, Application US/10807114
; Publication No. US20040235024A1
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor
; APPLICANT: Allawi, Hatim
; APPLICANT: Dong, Fang
; APPLICANT: Neri, Bruce
; APPLICANT: Vener, Tatiana
; TITLE OF INVENTION: Nucleic Acid Accessible Hybridization Sites
; FILE REFERENCE: FORS-04586
; CURRENT APPLICATION NUMBER: US/10/807,114
; CURRENT FILING DATE: 2004-03-23
; PRIOR APPLICATION NUMBER: US/09/882,945
; PRIOR FILING DATE: 2001-06-15
; NUMBER OF SEQ ID NOS: 334
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 245
; LENGTH: 328
; TYPE: RNA
; ORGANISM: Hepatitis C virus
US-10-807-114-245

Query Match      100.0%; Score 20; DB 8; Length 328;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTTCGGACCCCAACTACTC 20
Db 257 TTTCGGACCCCAACTACTC 238

RESULT 147
US-10-475-026-18/c
; Sequence 18, Application US/10475026
; Publication No. US20050142545A1
; GENERAL INFORMATION:
; APPLICANT: Conn, Michael Morgan
; APPLICANT: Pelligrini, Mathew
; APPLICANT: Hwang, Seongwoo
; APPLICANT: Moon, Young-choon
; APPLICANT: Almstead, Neil
; TITLE OF INVENTION: METHODS FOR IDENTIFYING SMALL MOLECULES THAT BIND SPECIFIC RNA
; FILE REFERENCE: 10589-008
; CURRENT APPLICATION NUMBER: US/10/475,026
; CURRENT FILING DATE: 2003-10-10
; PRIOR APPLICATION NUMBER: 60/282,966
; PRIOR FILING DATE: 2001-04-11
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 18
; LENGTH: 328
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-475-026-18

Query Match      100.0%; Score 20; DB 9; Length 328;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTTCGGACCCCAACTACTC 20
Db 263 TTTCGGACCCCAACTACTC 244

RESULT 148
US-09-940-244-45/c
; Sequence 45, Application US/09940244
```

```
; Publication No. US20030044796A1
; GENERAL INFORMATION:
; APPLICANT: Neri, Bruce P.
; APPLICANT: Hall, Jeff G.
; APPLICANT: Lyamichev, Victor
; APPLICANT: Smith, Lloyd M.
; TITLE OF INVENTION: Reactions on Dendrimers
; FILE REFERENCE: FORS-06478
; CURRENT APPLICATION NUMBER: US/09/940,244
; CURRENT FILING DATE: 2002-05-06
; NUMBER OF SEQ ID NOS: 422
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 45
; LENGTH: 337
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-940-244-45

Query Match      100.0%; Score 20; DB 3; Length 337;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 TTTCGGACCCCACTACTC 20
Db      274 TTTCGGACCCCACTACTC 255

RESULT 149
US-09-982-667-56/c
; Sequence 56, Application US/09982667
; Publication No. US20030096245A1
; GENERAL INFORMATION:
; APPLICANT: Prudent, James R.
; APPLICANT: Hall, Jeff G.
; APPLICANT: Lyamichev, Victor I.
; TITLE OF INVENTION: Invasive Cleavage Of Nucleic Acids
; NUMBER OF SEQUENCES: 69
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Medlen & Carroll, LLP
; STREET: 220 Montgomery Street, Suite 2200
; CITY: San Francisco
; STATE: California
; COUNTRY: United States Of America
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/982,667
; FILING DATE: 18-Oct-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/756,386
; FILING DATE: <Unknown>
; APPLICATION NUMBER: US 08/682,853
; FILING DATE: 12-JUL-1996
; APPLICATION NUMBER: US 08/599,491
; FILING DATE: 24-JAN-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Ingolia, Diane E.
; REGISTRATION NUMBER: 40,027
; REFERENCE/DOCKET NUMBER: FORS-02564
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 56:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 337 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: not relevant
; TOPOLOGY: not relevant
; MOLECULE TYPE: RNA (genomic)
; SEQUENCE DESCRIPTION: SEQ ID NO: 56:
US-09-982-667-56

Query Match      100.0%; Score 20; DB 3; Length 337;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 TTTCGGACCCCACTACTC 20
Db      274 TTTCGGACCCCACTACTC 255

RESULT 150
US-09-732-622A-45/c
; Sequence 45, Application US/09732622A
; Publication No. US20050164177A1
; GENERAL INFORMATION:
; APPLICANT: Neri, Bruce P.
; APPLICANT: Hall, Jeff G.
; APPLICANT: Lyamichev, Victor
; APPLICANT: Smith, Lloyd M.
; TITLE OF INVENTION: Reactions on a Solid Surface
; FILE REFERENCE: FORS-04904
; CURRENT APPLICATION NUMBER: US/09/732,622A
; CURRENT FILING DATE: 2000-12-08
; NUMBER OF SEQ ID NOS: 410
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 45
; LENGTH: 337
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-732-622A-45

Query Match      100.0%; Score 20; DB 3; Length 337;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 TTTCGGACCCCACTACTC 20
Db      274 TTTCGGACCCCACTACTC 255

RESULT 151
US-10-033-297-45/c
; Sequence 45, Application US/10033297
; Publication No. US20020187486A1
; GENERAL INFORMATION:
; APPLICANT: Hall, Jeff G.
; APPLICANT: Lyamichev, Victor I.
; APPLICANT: Mast, Andrea L.
; APPLICANT: Brow, Mary Ann D.
; TITLE OF INVENTION: Detection Of Nucleic Acids By Multiple Sequential Invasive Cleavages
; NUMBER OF SEQUENCES: 163
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Medlen & Carroll, LLP
; STREET: 220 Montgomery Street, Suite 2200
; CITY: San Francisco
; STATE: California
; COUNTRY: United States Of America
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/982,667
; FILING DATE: 18-Oct-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/756,386
; FILING DATE: <Unknown>
; APPLICATION NUMBER: US 08/682,853
; FILING DATE: 12-JUL-1996
; APPLICATION NUMBER: US 08/599,491
; FILING DATE: 24-JAN-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Ingolia, Diane E.
; REGISTRATION NUMBER: 40,027
; REFERENCE/DOCKET NUMBER: FORS-02564
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 56:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 337 base pairs
; TYPE: nucleic acid
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/033,297
```


;; FILING DATE: 12-No. US20020187486A1-2001
;; CLASSIFICATION DATA: <Unknown>
;; PRIOR APPLICATION NUMBER: US/09/350,597
;; FILING DATE: 09-Jul-1999
;; APPLICATION NUMBER: US/08/823,516
;; FILING DATE: 24-MAR-1997
;; APPLICATION NUMBER: PCT/US97/01072
;; FILING DATE: 21-JAN-1997
;; APPLICATION NUMBER: US 08/759,038
;; FILING DATE: 02-DEC-1996
;; APPLICATION NUMBER: US 08/758,314
;; FILING DATE: 02-DEC-1996
;; APPLICATION NUMBER: US 08/756,386
;; FILING DATE: 29-NOV-1996
;; APPLICATION NUMBER: US 08/682,853
;; FILING DATE: 12-JUL-1996
;; APPLICATION NUMBER: US 08/599,491
;; FILING DATE: 24-JAN-1996
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Ingolia, Diane E.
;; REGISTRATION NUMBER: 40,027
;; REFERENCE/DOCKET NUMBER: FORS-02736
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (415) 705-8410
;; TELEFAX: (415) 397-8338
;; INFORMATION FOR SEQ ID NO: 45:
;; SEQUENCE CHARACTERISTICS:
;; TYPE: nucleic acid
;; LENGTH: 337 base pairs
;; STRANDEDNESS: No. US20020187486A1 Relevant
;; TOPOLOGY: No. US20020187486A1 Relevant
;; MOLECULE TYPE: RNA (genomic)
;; SEQUENCE DESCRIPTION: SEQ ID NO: 45:
US-10-033-297-45

Query Match 100.0%; Score 20; DB 5; Length 337;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCACTACTC 20
Db 274 TTTCGGACCCCACTACTC 255

RESULT 152
US-10-081-806-56/c
; Sequence 56, Application US/10081806
; Publication No. US20020197623A1
; GENERAL INFORMATION:
; APPLICANT: Prudent, James R.
; Hall, Jeff G.
; TITLE OF INVENTION: Invasive Cleavage Of Nucleic Acids
; NUMBER OF SEQUENCES: 69
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Medien & Carroll, LLP
; STREET: 220 Montgomery Street, Suite 2200
; CITY: San Francisco
; STATE: California
; COUNTRY: United States Of America
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/081,806
; FILING DATE: 22-Feb-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/756,386

;; FILING DATE: <Unknown>
;; APPLICATION NUMBER: US 08/682,853
;; FILING DATE: 12-JUL-1996
;; APPLICATION NUMBER: US 08/599,491
;; FILING DATE: 24-JAN-1996
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Ingolia, Diane E.
;; REGISTRATION NUMBER: 40,027
;; REFERENCE/DOCKET NUMBER: FORS-02564
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (415) 705-8410
;; TELEFAX: (415) 397-8338
;; INFORMATION FOR SEQ ID NO: 56:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 337 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: No. US20020197623A1 Relevant
;; TOPOLOGY: No. US20020197623A1 Relevant
;; MOLECULE TYPE: RNA (genomic)
;; SEQUENCE DESCRIPTION: SEQ ID NO: 56:
US-10-081-806-56

Query Match 100.0%; Score 20; DB 5; Length 337;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCACTACTC 20
Db 274 TTTCGGACCCCACTACTC 255

RESULT 153
US-10-142-283-136/c
; Sequence 136, Application US/10142283
; Publication No. US20030152942A1
; GENERAL INFORMATION:
; APPLICANT: Fors, Lance
; APPLICANT: Neri, Bruce P.
; APPLICANT: Brow, Mary Ann D.
; APPLICANT: de Arruda Indig, Monika
; APPLICANT: Roeven, Robert
; TITLE OF INVENTION: Nucleic Acid Detection in Pooled Samples
; FILE REFERENCE: FORS-07219
; CURRENT APPLICATION NUMBER: US/10/142,283
; CURRENT FILING DATE: 2002-12-10
; PRIOR APPLICATION NUMBER: 60/326,549
; PRIOR FILING DATE: 2001-10-02
; PRIOR APPLICATION NUMBER: 60/289,764
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 139
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 136
; LENGTH: 337
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-142-283-136

Query Match 100.0%; Score 20; DB 6; Length 337;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCACTACTC 20
Db 274 TTTCGGACCCCACTACTC 255

RESULT 154
US-10-290-386-45/c
; Sequence 45, Application US/10290386
; Publication No. US20030152971A1
; GENERAL INFORMATION:

```
; APPLICANT: Lyamichev, Victor
; APPLICANT: Neri, Bruce P.
; APPLICANT: Hall, Jeff G.
; APPLICANT: Lukowiak, Andrew A.
; TITLE OF INVENTION: Methods and Compositions for Detecting Target Sequences
; FILE REFERENCE: FORS-07459
; CURRENT APPLICATION NUMBER: US/10/290,386
; CURRENT FILING DATE: 2002-11-07
; PRIOR APPLICATION NUMBER: 60/361,060
; PRIOR FILING DATE: 2002-02-27
; PRIOR APPLICATION NUMBER: 60/344,946
; PRIOR FILING DATE: 2001-11-07
; PRIOR APPLICATION NUMBER: 09/713,601
; PRIOR FILING DATE: 2000-11-15
; PRIOR APPLICATION NUMBER: 09/381,212
; PRIOR FILING DATE: 2000-02-08
; PRIOR APPLICATION NUMBER: 09/350,309
; PRIOR FILING DATE: 1999-07-09
; PRIOR APPLICATION NUMBER: 08/823,516
; PRIOR FILING DATE: 1997-03-24
; PRIOR APPLICATION NUMBER: 08/759,038
; PRIOR FILING DATE: 1996-12-02
; PRIOR APPLICATION NUMBER: 08/756,386
; PRIOR FILING DATE: 1996-11-26
; PRIOR APPLICATION NUMBER: 08/682,853
; PRIOR FILING DATE: 1996-07-12
; PRIOR APPLICATION NUMBER: 08/599,491
; PRIOR FILING DATE: 1996-01-24
; NUMBER OF SEQ ID NOS: 253
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 45
; LENGTH: 337
; TYPE: RNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-290-386-45

Query Match          100.0%; Score 20; DB 6; Length 337;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTGCGACCCCAACTACTC 20
    |||||
Db 274 TTGCGACCCCAACTACTC 255

RESULT 155
US-10-356-861-45/c
; Sequence 45, Application US/10356861
; Publication No. US20040072182A1
; GENERAL INFORMATION:
; APPLICANT: Victor, Lyamichev
; APPLICANT: Neri, Bruce P.
; APPLICANT: Hall, Jeff
; APPLICANT: Lukowiak, Andrew A.
; TITLE OF INVENTION: Methods and Compositions for Detecting Target Sequences
; FILE REFERENCE: FORS-07813
; CURRENT APPLICATION NUMBER: US/10/356,861
; CURRENT FILING DATE: 2003-02-03
; NUMBER OF SEQ ID NOS: 254
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 45
; LENGTH: 337
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-356-861-45

Query Match          100.0%; Score 20; DB 7; Length 337;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 1 TTGCGACCCCAACTACTC 20
    |||||
Db 274 TTGCGACCCCAACTACTC 255

RESULT 156
US-10-309-584-45/c
; Sequence 45, Application US/10309584
; Publication No. US2004021474A1
; GENERAL INFORMATION:
; APPLICANT: Neri, Bruce P.
; APPLICANT: Hall, Jeff G.
; APPLICANT: Lyamichev, Victor
; APPLICANT: Smith, Lloyd M.
; TITLE OF INVENTION: Reactions on Dendrimers
; FILE REFERENCE: FORS-06478
; CURRENT APPLICATION NUMBER: US/10/309,584
; CURRENT FILING DATE: 2002-12-04
; PRIOR APPLICATION NUMBER: US/09/940,244
; PRIOR FILING DATE: 2001-08-27
; NUMBER OF SEQ ID NOS: 422
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 45
; LENGTH: 337
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-309-584-45

Query Match          100.0%; Score 20; DB 8; Length 337;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTGCGACCCCAACTACTC 20
    |||||
Db 274 TTGCGACCCCAACTACTC 255

RESULT 157
US-10-897-793-45/c
; Sequence 45, Application US/10897793
; Publication No. US20050003432A1
; GENERAL INFORMATION:
; APPLICANT: Hall, Jeff G.
; APPLICANT: Lyamichev, Victor I.
; APPLICANT: Mast, Andrea L.
; APPLICANT: Brow, Mary Ann D.
; TITLE OF INVENTION: Detection Of Nucleic Acids By Multiple Sequential Invasive Cleavages
; NUMBER OF SEQUENCES: 190
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Medlen & Carroll, LLP
; STREET: 220 Montgomery Street, Suite 2200
; CITY: San Francisco
; STATE: California
; COUNTRY: United States Of America
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/897,793
; FILING DATE: 23-Jul-2004
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US97/01072
; FILING DATE: 21-JAN-1997
; APPLICATION NUMBER: US 08/759,038
; FILING DATE: 02-DEC-1996
```

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/ APPLICATION NUMBER: US 08/758,314
/ FILING DATE: 02-DEC-1996
/ APPLICATION NUMBER: US 08/756,386
/ FILING DATE: 29-NOV-1996
/ APPLICATION NUMBER: US 08/682,853
/ FILING DATE: 12-JUL-1996
/ APPLICATION NUMBER: US 08/599,491
/ FILING DATE: 24-JAN-1996
/ APPLICATION NUMBER: US 08/823,516
/ FILING DATE: 24-MAR-1997
/ ATTORNEY/AGENT INFORMATION:
/ NAME: MacKnight, Kamrin T.
/ REGISTRATION NUMBER: 38,230
/ REFERENCE/DOCKET NUMBER: FORS-03295
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (415) 705-8410
/ TELEFAX: (415) 397-8338
/ INFORMATION FOR SEQ ID NO: 45:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 337 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: not relevant
/ TOPOLOGY: not relevant
/ MOLECULE TYPE: RNA (genomic)
/ SEQUENCE DESCRIPTION: SEQ ID NO: 45:
US-10-897-793-45

Query Match 100.0%; Score 20; DB 8; Length 337;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTCGGACCCCACTACTC 20
Db 274 TTCGGACCCCACTACTC 255

RESULT 158
US-10-783-557-45/c
/ Sequence 45, Application US/10783557
/ Publication No. US20050048527A1
/ GENERAL INFORMATION:
/ APPLICANT: Allawi, Hatim T.
/ APPLICANT: Kaiser, Michael W.
/ APPLICANT: Ma, Wu-po
/ APPLICANT: Neri, Bruce P.
/ APPLICANT: Lyamichev, Victor I.
/ TITLE OF INVENTION: Endonuclease-Substrate Complexes
/ CURRENT APPLICATION NUMBER: US/10/783,557
/ CURRENT FILING DATE: 2004-02-20
/ NUMBER OF SEQ ID NOS: 533
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 45
/ LENGTH: 337
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-783-557-45

Query Match 100.0%; Score 20; DB 8; Length 337;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTCGGACCCCACTACTC 20
Db 274 TTCGGACCCCACTACTC 255

RESULT 159
US-11-103-943-56/c
/ Sequence 56, Application US/11103943
/ Publication No. US20050181435A1
```

```
/ GENERAL INFORMATION:
/ APPLICANT: Prudent, James R.
/ Hall, Jeff G.
/ Lyamichev, Victor I.
/ TITLE OF INVENTION: Invasive Cleavage Of Nucleic Acids
/ NUMBER OF SEQUENCES: 69
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Medien & Carroll, LLP
/ STREET: 220 Montgomery Street, Suite 2200
/ CITY: San Francisco
/ STATE: California
/ COUNTRY: United States Of America
/ ZIP: 94104
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/11/103,943
/ FILING DATE: 12-Apr-2005
/ CLASSIFICATION: <Unknown>
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US/09/982,667
/ FILING DATE: 18-Oct-2001
/ APPLICATION NUMBER: 08/756,386
/ FILING DATE: <Unknown>
/ APPLICATION NUMBER: US 08/682,853
/ FILING DATE: 12-JUL-1996
/ APPLICATION NUMBER: US 08/599,491
/ FILING DATE: 24-JAN-1996
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Ingolia, Diane E.
/ REGISTRATION NUMBER: 40,027
/ REFERENCE/DOCKET NUMBER: FORS-025564
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (415) 705-8410
/ TELEFAX: (415) 397-8338
/ INFORMATION FOR SEQ ID NO: 56:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 337 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: not relevant
/ TOPOLOGY: not relevant
/ MOLECULE TYPE: RNA (genomic)
/ SEQUENCE DESCRIPTION: SEQ ID NO: 56:
US-11-103-943-56

Query Match 100.0%; Score 20; DB 10; Length 337;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTCGGACCCCACTACTC 20
Db 274 TTCGGACCCCACTACTC 255

RESULT 160
US-03-814-292-44/c
/ Sequence 44, Application US/09814292
/ Patent No. US20020120117A1
/ GENERAL INFORMATION:
/ APPLICANT: Yu, De-Chao
/ APPLICANT: Zhang, Hong
/ APPLICANT: Henderson, Daniel R.
/ TITLE OF INVENTION: HUMAN UROTHELIAL CELL SPECIFIC UROPLAKIN
/ TITLE OF INVENTION: TRANSCRIPTIONAL REGULATORY SEQUENCES, VECTORS COMPRISING
/ TITLE OF INVENTION: UROPLAKIN-SPECIFIC TRANSCRIPTIONAL REGULATORY SEQUENCES, AND
/ TITLE OF INVENTION: METHODS OF USE THEREOF
/ FILE REFERENCE: 348022001500
/ CURRENT APPLICATION NUMBER: US/09/814,292
/ CURRENT FILING DATE: 2001-10-12
/ PRIOR APPLICATION NUMBER: 60/191,861
```



```
; SEQ ID NO 3
; LENGTH: 341
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: 5' UTR region of HCV
US-10-691-045-3

Query Match      100.0%; Score 20; DB 7; Length 341;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTGCGACCCCAACTACTC 20
Db 275 TTGCGACCCCAACTACTC 256

RESULT 165
US-11-006-313-35/c
; Sequence 35, Application US/11006313
; Publication No. US20050153281A1
; GENERAL INFORMATION:
; APPLICANT: Lemon, Stanley M.
; APPLICANT: Yi, Minkyung
; TITLE OF INVENTION: REPLICATION COMPETENT HEPATITIS C VIRUS AND METHODS OF USE
; FILE REFERENCE: 265.0007 0121
; CURRENT APPLICATION NUMBER: US/11/006,313
; CURRENT FILING DATE: 2004-12-06
; PRIOR APPLICATION NUMBER: US 60/171,909
; PRIOR FILING DATE: 1999-12-23
; PRIOR APPLICATION NUMBER: US 10/259,275
; PRIOR FILING DATE: 2002-09-27
; PRIOR APPLICATION NUMBER: US 09/747,419
; PRIOR FILING DATE: 2000-12-23
; PRIOR APPLICATION NUMBER: US 60/325,236
; PRIOR FILING DATE: 2001-09-27
; PRIOR APPLICATION NUMBER: US 60/338,123
; PRIOR FILING DATE: 2001-11-13
; NUMBER OF SEQ ID NOS: 73
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 35
; LENGTH: 341
; TYPE: DNA
; ORGANISM: ARTIFICIAL
; FEATURE:
; OTHER INFORMATION: nucleotide sequence of 5' NTR
US-11-006-313-35

Query Match      100.0%; Score 20; DB 10; Length 341;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTGCGACCCCAACTACTC 20
Db 275 TTGCGACCCCAACTACTC 256

RESULT 166
US-10-132-295-1/c
; Sequence 1, Application US/10132295
; Publication No. US20030124550A1
; GENERAL INFORMATION:
; APPLICANT: BML, Inc.
; TITLE OF INVENTION: METHOD OF SCREENING DRUG FOR HEPATITIS C
; FILE REFERENCE: Q69614
; CURRENT APPLICATION NUMBER: US/10/132,295
; CURRENT FILING DATE: 2002-04-26
; PRIOR APPLICATION NUMBER: JP 2001-329728
; PRIOR FILING DATE: 2001-10-26
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 347
; ORGANISM: Hepatitis C virus
```

```
; TYPE: DNA
; ORGANISM: Hepatitis C virus
US-10-132-295-1

Query Match      100.0%; Score 20; DB 6; Length 347;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTGCGACCCCAACTACTC 20
Db 275 TTGCGACCCCAACTACTC 256

RESULT 167
US-09-877-526A-48/c
; Sequence 48, Application US/09877526A
; Patent No. US20020102568A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc
; APPLICANT: Usman, Nassim
; APPLICANT: McSwiggen, Jim
; APPLICANT: Zinnen, Shawn
; APPLICANT: Seiwert, Scott
; APPLICANT: Haeblerli, Pete
; APPLICANT: Chowrira, Bharat
; APPLICANT: Blatt, Larry
; APPLICANT: Vaish, Narendra
; TITLE OF INVENTION: A Process for the Detection of Nucleic Acid Using Nucleic Acid C
; FILE REFERENCE: MBH00-816-C (700/002)
; CURRENT APPLICATION NUMBER: US/09/877,526A
; CURRENT FILING DATE: 2001-03-06
; PRIOR APPLICATION NUMBER: 60/187,128
; PRIOR FILING DATE: 2000-03-06
; NUMBER OF SEQ ID NOS: 49
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 48
; LENGTH: 366
; TYPE: RNA
; ORGANISM: Hepatitis C virus
US-09-877-526A-48

Query Match      100.0%; Score 20; DB 3; Length 366;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTGCGACCCCAACTACTC 20
Db 275 TTGCGACCCCAACTACTC 256

RESULT 168
US-09-992-160-48/c
; Sequence 48, Application US/09992160
; Publication No. US20030008295A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc
; APPLICANT: Usman, Nassim
; APPLICANT: McSwiggen, Jim
; APPLICANT: Zinnen, Shawn
; APPLICANT: Seiwert, Scott
; APPLICANT: Haeblerli, Pete
; APPLICANT: Chowrira, Bharat
; APPLICANT: Blatt, Larry
; TITLE OF INVENTION: Nucleic Acid Sensor Molecules
; FILE REFERENCE: MBH00-816-D (700/004)
; CURRENT APPLICATION NUMBER: US/09/992,160
; CURRENT FILING DATE: 2001-11-05
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 48
; LENGTH: 366
; TYPE: RNA
; ORGANISM: Hepatitis C virus
```

US-09-992-160-48

Query Match 100.0%; Score 20; DB 3; Length 366;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTCCGACCCCAACACTACTC 20
|||||
Db 275 TTCCGACCCCAACACTACTC 256

RESULT 169

US-09-740-332-9701/c
; Sequence 9701, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740.332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 9701
; LENGTH: 366
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: HCV 5' UTR
US-09-740-332-9701

Query Match 100.0%; Score 20; DB 3; Length 366;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTCCGACCCCAACACTACTC 20
|||||
Db 276 TTCCGACCCCAACACTACTC 257

RESULT 170

US-09-817-879-9701/c
; Sequence 9701, Application US/09817879
; Publication No. US2003017131A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
; FILE REFERENCE: MHB00-801-F
; CURRENT APPLICATION NUMBER: US/09/817.879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 9701
; LENGTH: 366
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: HCV 5' UTR
US-09-817-879-9701

Query Match 100.0%; Score 20; DB 3; Length 366;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTCCGACCCCAACACTACTC 20
|||||
Db 276 TTCCGACCCCAACACTACTC 257

RESULT 171

US-10-056-761-48/c
; Sequence 48, Application US/10056761
; Publication No. US20030065155A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc
; APPLICANT: Uman, Nassim
; APPLICANT: McSwiggen, Jim
; APPLICANT: Zinnen, Shawn
; APPLICANT: Seiwert, Scott
; APPLICANT: Haeblerli, Pete
; APPLICANT: Chowrira, Bharat
; APPLICANT: Blatt, Larry
; TITLE OF INVENTION: Nucleic Acid Sensor Molecules
; FILE REFERENCE: MHB00-816-E (700/005)
; CURRENT APPLICATION NUMBER: US/10/056.761
; CURRENT FILING DATE: 2002-01-23
; NUMBER OF SEQ ID NOS: 63
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 48
; LENGTH: 366
; TYPE: RNA
; ORGANISM: Hepatitis C Virus
US-10-056-761-48

Query Match 100.0%; Score 20; DB 5; Length 366;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTCCGACCCCAACACTACTC 20
|||||
Db 275 TTCCGACCCCAACACTACTC 256

RESULT 172

US-10-422-050-48/c
; Sequence 48, Application US/10422050
; Publication No. US20040009510A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Seiwert, Scott
; APPLICANT: Zinnen, Shawn
; APPLICANT: Vaish, Narendra
; APPLICANT: Jadhav, Vasant
; APPLICANT: Kossen, Karl
; TITLE OF INVENTION: Allosteric Nucleic Acid Sensor Molecules
; FILE REFERENCE: 700/013 (MHBH 00-816-M)
; CURRENT APPLICATION NUMBER: US/10/422.050
; CURRENT FILING DATE: 2003-04-23
; PRIOR APPLICATION NUMBER: PCT/US 02/35529
; PRIOR FILING DATE: 2002-11-05
; PRIOR APPLICATION NUMBER: US 10/286,492
; PRIOR FILING DATE: 2002-11-01
; PRIOR APPLICATION NUMBER: US 10/283,858
; PRIOR FILING DATE: 2002-10-30
; PRIOR APPLICATION NUMBER: US 10/056,761
; PRIOR FILING DATE: 2002-01-23
; PRIOR APPLICATION NUMBER: US 09/992,160
; PRIOR FILING DATE: 2002-11-05
; PRIOR APPLICATION NUMBER: US 09/877,526
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: US 09/800,594
; PRIOR FILING DATE: 2001-03-06
; PRIOR APPLICATION NUMBER: US 60/187,128
; PRIOR FILING DATE: 2000-03-06
; NUMBER OF SEQ ID NOS: 102
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 48
; LENGTH: 366
; TYPE: RNA
; ORGANISM: Hepatitis C Virus

US-10-422-050-48

Query Match 100.0%; Score 20; DB 6; Length 366;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCAACTACTC 20
|||||
Db 275 TTTCGGACCCCAACTACTC 256

RESULT 173

US-10-669-841-16198/c
; Sequence 16198, Application US/10669841
; Publication No. US20040127446A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Lawrence, Blatt
; APPLICANT: Dennis, Macejak
; APPLICANT: James, McSwiggen
; APPLICANT: David, Morrissey
; APPLICANT: Pamela, Pavco
; APPLICANT: Patrice, Lee
; APPLICANT: Kenneth, Draper
; APPLICANT: Elisabeth, Roberts
; TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED INHIBITION OF HEPATITIS B VIRUS AND HEPATITIS C VIRUS
; FILE REFERENCE: 400/042US (MBH02-249-E)
; CURRENT APPLICATION NUMBER: US/10/669,841
; CURRENT FILING DATE: 2003-09-23
; PRIOR APPLICATION NUMBER: PCT/US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: US 60/335,059
; PRIOR FILING DATE: 2001-10-24
; PRIOR APPLICATION NUMBER: US 60/337,055
; PRIOR FILING DATE: 2001-12-05
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 09/817,879
; PRIOR FILING DATE: 2001-03-26
; PRIOR APPLICATION NUMBER: US 09/740,332
; PRIOR FILING DATE: 2000-12-18
; PRIOR APPLICATION NUMBER: US 09/611,931
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: US 09/504,321
; PRIOR FILING DATE: 2000-02-15
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 16207
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 16198
; LENGTH: 366
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: HCV 5' UTR
US-10-669-841-16198

Query Match 100.0%; Score 20; DB 7; Length 366;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCAACTACTC 20
|||||
Db 276 TTTCGGACCCCAACTACTC 257

RESULT 174

US-10-324-409B-32/c

; Sequence 32, Application US/10324409B
; Publication No. US20040086880A1
; GENERAL INFORMATION:
; APPLICANT: Sampson, et al.
; TITLE OF INVENTION: Method of Producing Nucleic Acid Molecules with Reduced
; TITLE OF INVENTION: Secondary Structure
; FILE REFERENCE: 2003309-0028
; CURRENT APPLICATION NUMBER: US/10/324,409B
; CURRENT FILING DATE: 2002-12-18
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 32
; LENGTH: 374
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:Nucleotides
; OTHER INFORMATION: 1-335 for the Hepatitis C Virus Genome.

US-10-324-409B-32
Query Match 100.0%; Score 20; DB 7; Length 374;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCAACTACTC 20
|||||
Db 263 TTTCGGACCCCAACTACTC 244

RESULT 175

US-10-626-879-9/c
; Sequence 9, Application US/10626879
; Publication No. US20050058982A1
; GENERAL INFORMATION:
; APPLICANT: HAN, JANG
; APPLICANT: SEO, MI YOUNG
; APPLICANT: HOUGHTON, MICHAEL
; TITLE OF INVENTION: MODIFIED SMALL INTERFERING RNA MOLECULES AND METHODS OF USE
; FILE REFERENCE: 072121-0189-REG
; CURRENT APPLICATION NUMBER: US/10/626,879
; CURRENT FILING DATE: 2003-07-25
; PRIOR APPLICATION NUMBER: 60/470,230
; PRIOR FILING DATE: 2003-05-14
; PRIOR APPLICATION NUMBER: 60/461,838
; PRIOR FILING DATE: 2003-04-11
; PRIOR APPLICATION NUMBER: 60/398,605
; PRIOR FILING DATE: 2002-07-26
; NUMBER OF SEQ ID NOS: 67
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 9
; LENGTH: 383
; TYPE: RNA
; ORGANISM: Hepatitis C virus
US-10-626-879-9

Query Match 100.0%; Score 20; DB 9; Length 383;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCAACTACTC 20
|||||
Db 275 TTTCGGACCCCAACTACTC 256

RESULT 176

US-10-332-626-1/c
; Sequence 1, Application US/10332626
; Publication No. US20040073380A1
; GENERAL INFORMATION:
; APPLICANT: Joseph D. Puglisi
; TITLE OF INVENTION: Structural Targets of Hepatitis C Virus
; IRES Element

FILE REFERENCE: STAN-196
CURRENT APPLICATION NUMBER: US/10/332,626
CURRENT FILING DATE: 2003-09-08
PRIOR APPLICATION NUMBER: PCT/US01/21871
PRIOR FILING DATE: 2001-07-10
PRIOR APPLICATION NUMBER: 60/217,673
PRIOR FILING DATE: 2000-07-10
NUMBER OF SEQ ID NOS: 5
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 1
LENGTH: 384
TYPE: RNA
ORGANISM: Hepatitis C virus
US-10-332-626-1

Query Match 100.0%; Score 20; DB 7; Length 384;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTCGCGACCCCAACTACTC 20
|||||
Db 276 TTCGCGACCCCAACTACTC 257
|||||

RESULT 177

US-09-940-925A-122/c
Sequence 122, Application US/09940925A
Publication No. US20030054338A1
GENERAL INFORMATION:
APPLICANT: BROW, MARY ANN D.
LYAMICHEV, VICTOR I.
OLIVE, DAVID M.
TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF
PATHOGENS

NUMBER OF SEQUENCES: 165
CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL
STREET: 220 MONTGOMERY STREET, SUITE 2200
CITY: SAN FRANCISCO
STATE: CALIFORNIA
COUNTRY: UNITED STATES OF AMERICA
ZIP: 94104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/940,925A
FILING DATE: 10-Jun-2002
CLASSIFICATION: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: CARROLL, PETER G.
REGISTRATION NUMBER: 32,837
REFERENCE/DOCKET NUMBER: FORS-01756
TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 122:
SEQUENCE CHARACTERISTICS:
LENGTH: 386 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 122:

Query Match 100.0%; Score 20; DB 3; Length 386;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTCGCGACCCCAACTACTC 20

Db 323 TTCGCGACCCCAACTACTC 304
|||||

RESULT 178

US-09-941-193A-122/c
Sequence 122, Application US/09941193A
Publication No. US20030108873A1
GENERAL INFORMATION:
APPLICANT: BROW, MARY ANN D.
LYAMICHEV, VICTOR I.
OLIVE, DAVID M.
TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF
PATHOGENS

NUMBER OF SEQUENCES: 165
CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL
STREET: 220 MONTGOMERY STREET, SUITE 2200
CITY: SAN FRANCISCO
STATE: CALIFORNIA
COUNTRY: UNITED STATES OF AMERICA
ZIP: 94104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/941,193A
FILING DATE: 28-Aug-2001
CLASSIFICATION: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: CARROLL, PETER G.
REGISTRATION NUMBER: 32,837
REFERENCE/DOCKET NUMBER: FORS-01756
TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 122:
SEQUENCE CHARACTERISTICS:
LENGTH: 386 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 122:

Query Match 100.0%; Score 20; DB 3; Length 386;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTCGCGACCCCAACTACTC 20
|||||
Db 323 TTCGCGACCCCAACTACTC 304
|||||

RESULT 179

US-10-409-594-122/c
Sequence 122, Application US/10409594
Publication No. US20050158716A1
GENERAL INFORMATION:
APPLICANT: BROW, MARY ANN D.
LYAMICHEV, VICTOR I.
OLIVE, DAVID M.
TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF
PATHOGENS

NUMBER OF SEQUENCES: 165
CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL
STREET: 220 MONTGOMERY STREET, SUITE 2200
CITY: SAN FRANCISCO
STATE: CALIFORNIA

/ COUNTRY: UNITED STATES OF AMERICA
/ ZIP: 94104
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA: US/10/409,594
/ APPLICATION NUMBER: US/10/409,594
/ FILING DATE: 08-Apr-2003
/ CLASSIFICATION: <Unknown>
/ ATTORNEY/AGENT INFORMATION:
/ NAME: CARROLL, PETER G.
/ REGISTRATION NUMBER: 32,837
/ REFERENCE/DOCKET NUMBER: FORS-01756
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (415) 705-8410
/ TELEFAX: (415) 397-8338
/ INFORMATION FOR SEQ ID NO: 122:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 386 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: double
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (genomic)
/ SEQUENCE DESCRIPTION: SEQ ID NO: 122:
US-10-409-594-122

Query Match 100.0%; Score 20; DB 9; Length 386;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTCGCGACCCCACTACTC 20
|||||
DB 323 TTCGCGACCCCACTACTC 304

RESULT 180

US-10-276-513-5/c
/ Sequence 5, Application US/10276513
/ Publication No. US20030143528A1
/ GENERAL INFORMATION:
/ APPLICANT: KOHARA, MICHINORI
/ APPLICANT: MATSUZAKI, JUNICHI
/ APPLICANT: OKAMOTO, KOUICHI
/ APPLICANT: KATSUME, ASAO
/ TITLE OF INVENTION: VECTOR FOR ANALYSING REPLICATION MECHANISM OF RNA VIRUS AND USE
/ FILE REFERENCE: 382.1038
/ CURRENT APPLICATION NUMBER: US/10/276,513
/ CURRENT FILING DATE: 2002-11-15
/ PRIOR APPLICATION NUMBER: PCT/JP01/04033
/ PRIOR FILING DATE: 2001-05-15
/ PRIOR APPLICATION NUMBER: JP 2000-142451
/ PRIOR FILING DATE: 2000-05-15
/ NUMBER OF SEQ ID NOS: 17
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 5
/ LENGTH: 393
/ TYPE: DNA
/ ORGANISM: Hepatitis C Virus
US-10-276-513-5

Query Match 100.0%; Score 20; DB 6; Length 393;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTCGCGACCCCACTACTC 20
|||||
DB 287 TTCGCGACCCCACTACTC 268

RESULT 181

US-10-276-513-4/c

/ Sequence 4, Application US/10276513
/ Publication No. US20030143528A1
/ GENERAL INFORMATION:
/ APPLICANT: KOHARA, MICHINORI
/ APPLICANT: MATSUZAKI, JUNICHI
/ APPLICANT: OKAMOTO, KOUICHI
/ APPLICANT: KATSUME, ASAO
/ TITLE OF INVENTION: VECTOR FOR ANALYSING REPLICATION MECHANISM OF RNA VIRUS AND USE
/ FILE REFERENCE: 382.1038
/ CURRENT APPLICATION NUMBER: US/10/276,513
/ CURRENT FILING DATE: 2002-11-15
/ PRIOR APPLICATION NUMBER: PCT/JP01/04033
/ PRIOR FILING DATE: 2001-05-15
/ PRIOR APPLICATION NUMBER: JP 2000-142451
/ PRIOR FILING DATE: 2000-05-15
/ NUMBER OF SEQ ID NOS: 17
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 4
/ LENGTH: 412
/ TYPE: DNA
/ ORGANISM: Hepatitis C Virus
US-10-276-513-4

Query Match 100.0%; Score 20; DB 6; Length 412;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTCGCGACCCCACTACTC 20
|||||
DB 306 TTCGCGACCCCACTACTC 287

RESULT 182

US-09-851-138-59/c
/ Sequence 59, Application US/09851138
/ Publication No. US20020183508A1
/ GENERAL INFORMATION:
/ APPLICANT: MAERTENS, GEERT
/ STUYVER, LIEVEN
/ TITLE OF INVENTION: NEW SEQUENCES OF HEPATITIS C VIRUS GENOTYPES
/ AND THEIR USE AS PROPHYLACTIC, THERAPEUTIC AND DIAGNOSTIC
/ AGENTS
/ NUMBER OF SEQUENCES: 207
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: ARNOLD, WHITE & DURKEE
/ STREET: P.O. BOX 4433
/ CITY: HOUSTON
/ STATE: TEXAS
/ COUNTRY: USA
/ ZIP: 77210-4433
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Microsoft Word 6.0 / ASCII text output
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/851,138
/ FILING DATE: 09-May-2001
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/836,075
/ FILING DATE: <Unknown>
/ APPLICATION NUMBER: EP 94870166.9
/ FILING DATE: 21 Oct 1994
/ APPLICATION NUMBER: EP 95870076.7
/ FILING DATE: 28 Jun 1995
/ ATTORNEY/AGENT INFORMATION:
/ NAME: KAMMERER, PATRICIA A.
/ REGISTRATION NUMBER: 29,775
/ REFERENCE/DOCKET NUMBER: INNS:004
/ INFORMATION FOR SEQ ID NO: 59:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 652 base pairs
/ TYPE: nucleic acid

```
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; SEQUENCE DESCRIPTION: SEQ ID NO: 59:
US-09-851-138-59

Query Match          100.0%; Score 20; DB 3; Length 652;
Best Local Similarity 100.0%; Pred. No. 0.018;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCAACTACTC 20
    |||||
Db 172 TTTCGGACCCCAACTACTC 153

RESULT 183
US-09-853-409-37/c
; Sequence 37, Application US/09853409
; Publication No. US20030171313A1
; GENERAL INFORMATION:
; APPLICANT: Anderson, Kevin P.
; APPLICANT: Hanecak, Ronnie C.
; APPLICANT: No. US20030171313A1aki, Chikateru
; APPLICANT: Dorr, F. Andrew
; APPLICANT: Kwoh, T. Jesse
; TITLE OF INVENTION: Compositions and Methods for Treatment of Hepatitis C
; TITLE OF INVENTION: Virus-Associated Disease
; FILE REFERENCE: ISPH-0569
; CURRENT APPLICATION NUMBER: US/09/853,409
; CURRENT FILING DATE: 2001-05-11
; PRIOR FILING DATE: 1997-12-10
; PRIOR APPLICATION NUMBER: 08/988,321
; PRIOR FILING DATE: 1997-12-10
; PRIOR APPLICATION NUMBER: 08/650,093
; PRIOR FILING DATE: 1996-05-17
; PRIOR APPLICATION NUMBER: 08/452,841
; PRIOR FILING DATE: 1995-05-30
; PRIOR APPLICATION NUMBER: 08/397,330
; PRIOR FILING DATE: 1995-03-09
; PRIOR APPLICATION NUMBER: 07/945,289
; PRIOR FILING DATE: 1992-09-10
; PRIOR APPLICATION NUMBER: 09/690,936
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 37
; LENGTH: 685
; TYPE: RNA
; ORGANISM: Hepatitis C virus
US-09-853-409-37

Query Match          100.0%; Score 20; DB 3; Length 685;
Best Local Similarity 100.0%; Pred. No. 0.018;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCAACTACTC 20
    |||||
Db 274 TTTCGGACCCCAACTACTC 255

RESULT 184
US-10-457-304-37/c
; Sequence 37, Application US/10457304
; Publication No. US20040033978A1
; GENERAL INFORMATION:
; APPLICANT: Anderson, Kevin P.
; APPLICANT: Hanecak, Ronnie C.
; APPLICANT: No. US20040033978A1aki, Chikateru
; APPLICANT: Dorr, F. Andrew
; APPLICANT: Kwoh, T. Jesse
; TITLE OF INVENTION: Compositions and Methods for Treatment of Hepatitis C
; TITLE OF INVENTION: Virus-Associated Disease
```

```
; FILE REFERENCE: ISPH-0569
; CURRENT APPLICATION NUMBER: US/10/457,304
; CURRENT FILING DATE: 2003-06-09
; PRIOR APPLICATION NUMBER: US/09/853,409
; PRIOR FILING DATE: 2001-05-11
; PRIOR APPLICATION NUMBER: 08/988,321
; PRIOR FILING DATE: 1997-12-10
; PRIOR APPLICATION NUMBER: 08/650,093
; PRIOR FILING DATE: 1996-05-17
; PRIOR APPLICATION NUMBER: 08/452,841
; PRIOR FILING DATE: 1995-05-30
; PRIOR APPLICATION NUMBER: 08/397,330
; PRIOR FILING DATE: 1995-03-09
; PRIOR APPLICATION NUMBER: 07/945,289
; PRIOR FILING DATE: 1992-09-10
; PRIOR APPLICATION NUMBER: 09/690,936
; PRIOR FILING DATE: 2000-10-18
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 37
; LENGTH: 685
; TYPE: RNA
; ORGANISM: Hepatitis C virus
US-10-457-304-37

Query Match          100.0%; Score 20; DB 7; Length 685;
Best Local Similarity 100.0%; Pred. No. 0.018;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCAACTACTC 20
    |||||
Db 274 TTTCGGACCCCAACTACTC 255

RESULT 185
US-10-454-293-37/c
; Sequence 37, Application US/10454293
; Publication No. US20040049021A1
; GENERAL INFORMATION:
; APPLICANT: Anderson, Kevin P.
; APPLICANT: Hanecak, Ronnie C.
; APPLICANT: No. US20040049021A1aki, Chikateru
; APPLICANT: Dorr, F. Andrew
; APPLICANT: Kwoh, T. Jesse
; TITLE OF INVENTION: Compositions and Methods for Treatment of Hepatitis C
; TITLE OF INVENTION: Virus-Associated Disease
; FILE REFERENCE: ISPH-0743
; CURRENT APPLICATION NUMBER: US/10/454,293
; CURRENT FILING DATE: 2003-06-04
; PRIOR APPLICATION NUMBER: 09/853,409
; PRIOR FILING DATE: 2001-05-11
; PRIOR APPLICATION NUMBER: 08/988,321
; PRIOR FILING DATE: 1997-12-10
; PRIOR APPLICATION NUMBER: 08/650,093
; PRIOR FILING DATE: 1996-05-17
; PRIOR APPLICATION NUMBER: 08/452,841
; PRIOR FILING DATE: 1995-05-30
; PRIOR APPLICATION NUMBER: 08/397,330
; PRIOR FILING DATE: 1995-03-09
; PRIOR APPLICATION NUMBER: 07/945,289
; PRIOR FILING DATE: 1992-09-10
; PRIOR APPLICATION NUMBER: 09/690,936
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 37
; LENGTH: 685
; TYPE: RNA
; ORGANISM: Hepatitis C virus
US-10-454-293-37

Query Match          100.0%; Score 20; DB 7; Length 685;
Best Local Similarity 100.0%; Pred. No. 0.018;
```

```
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 TTCGCGACCCCACTACTC 20
Db 274 TTCGCGACCCCACTACTC 255
RESULT 186
US-10-066-130-20
; Sequence 20, Application US/10066130
; Publication No. US20030175683A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: In Vitro System for Replication of RNA-Dependent RNA Polymerase
; FILE REFERENCE: PH-7171 NP
; CURRENT APPLICATION NUMBER: US/10/066,130
; CURRENT FILING DATE: 2002-01-31
; PRIOR APPLICATION NUMBER: US 60/265,437
; PRIOR FILING DATE: 2001-01-31
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 20
; LENGTH: 2327
; TYPE: DNA
; ORGANISM: viral
US-10-066-130-20
Query Match 100.0%; Score 20; DB 6; Length 2327;
Best Local Similarity 100.0%; Pred. No. 0.017;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 TTCGCGACCCCACTACTC 20
Db 2053 TTCGCGACCCCACTACTC 2072
RESULT 187
US-10-734-801-20
; Sequence 20, Application US/10734801
; Publication No. US20040126388A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: In Vitro System for Replication of RNA-Dependent RNA Polymerase
; FILE REFERENCE: PH-7171-DIV
; CURRENT APPLICATION NUMBER: US/10/734,801
; CURRENT FILING DATE: 2003-12-12
; PRIOR APPLICATION NUMBER: US 60/265,437
; PRIOR FILING DATE: 2001-01-31
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 20
; LENGTH: 2327
; TYPE: DNA
; ORGANISM: viral
US-10-734-801-20
Query Match 100.0%; Score 20; DB 7; Length 2327;
Best Local Similarity 100.0%; Pred. No. 0.017;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 TTCGCGACCCCACTACTC 20
Db 2053 TTCGCGACCCCACTACTC 2072
RESULT 188
US-10-066-130-19
; Sequence 19, Application US/10066130
; Publication No. US20030175683A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
```

```
; TITLE OF INVENTION: In Vitro System for Replication of RNA-Dependent RNA Polymerase
; FILE REFERENCE: PH-7171 NP
; CURRENT APPLICATION NUMBER: US/10/066,130
; CURRENT FILING DATE: 2002-01-31
; PRIOR APPLICATION NUMBER: US 60/265,437
; PRIOR FILING DATE: 2001-01-31
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 19
; LENGTH: 2674
; TYPE: DNA
; ORGANISM: viral
US-10-066-130-19
Query Match 100.0%; Score 20; DB 6; Length 2674;
Best Local Similarity 100.0%; Pred. No. 0.016;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 TTCGCGACCCCACTACTC 20
Db 2400 TTCGCGACCCCACTACTC 2419
RESULT 189
US-10-734-801-19
; Sequence 19, Application US/10734801
; Publication No. US20040126388A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: In Vitro System for Replication of RNA-Dependent RNA Polymerase
; FILE REFERENCE: PH-7171-DIV
; CURRENT APPLICATION NUMBER: US/10/734,801
; CURRENT FILING DATE: 2003-12-12
; PRIOR APPLICATION NUMBER: US 60/265,437
; PRIOR FILING DATE: 2001-01-31
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 19
; LENGTH: 2674
; TYPE: DNA
; ORGANISM: viral
US-10-734-801-19
Query Match 100.0%; Score 20; DB 7; Length 2674;
Best Local Similarity 100.0%; Pred. No. 0.016;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 TTCGCGACCCCACTACTC 20
Db 2400 TTCGCGACCCCACTACTC 2419
RESULT 190
US-10-066-130-18
; Sequence 18, Application US/10066130
; Publication No. US20030175683A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: In Vitro System for Replication of RNA-Dependent RNA Polymerase
; FILE REFERENCE: PH-7171 NP
; CURRENT APPLICATION NUMBER: US/10/066,130
; CURRENT FILING DATE: 2002-01-31
; PRIOR APPLICATION NUMBER: US 60/265,437
; PRIOR FILING DATE: 2001-01-31
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 18
; LENGTH: 2771
; TYPE: DNA
; ORGANISM: viral
```

US-10-066-130-18

```
Query Match      100.0%; Score 20; DB 6; Length 2771;
Best Local Similarity 100.0%; Pred. No. 0.016;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

Qy 1 T T C G G A C C C A A C A C T A C T C 20
2400 T T C G G A C C C A A C A C T A C T C 2419

RESULT 191

```

US-10-734-801-18
; Sequence 18, Application US/10734801
; Publication No. US20040126388A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: In Vitro System for Replication of RNA-Dependent RNA Polymerase
; TITLE OF INVENTION: Viruses
; FILE REFERENCE: PH-7171-DIV
; CURRENT APPLICATION NUMBER: US/10/734,801
; CURRENT FILING DATE: 2003-12-12
; PRIOR APPLICATION NUMBER: US 60/265,437
; PRIOR FILING DATE: 2001-01-31
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 18
; LENGTH: 2771
; TYPE: DNA
; ORGANISM: viral
US-10-734-801-18

```

```

Query Match      100.0%; Score 20; DB 7; Length 2771;
Best Local Similarity 100.0%; Pred. No. 0.016;
Matches 20: Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

Qy 1 TTCGGACCCCAACTACTC 20
2400 TTCGGACCCCAACTACTC 2419
Db

RESULT 192

```

US-10-066-130-17
; Sequence 17, Application US/10066130
; Publication No. US20030175683A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: In Vitro System for Replication of RNA-Dependent RNA Polymerase
; TITLE OF INVENTION: Viruses
; FILE REFERENCE: PH-7171 NP
; CURRENT APPLICATION NUMBER: US/10/066,130
; CURRENT FILING DATE: 2002-01-31
; PRIOR APPLICATION NUMBER: US 60/265,437
; PRIOR FILING DATE: 2001-01-31
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 17
; LENGTH: 5860
; TYPE: DNA
; ORGANISM: viral
US-10-066-130-17

```

Query Match 100.0%; Score 20; DB 6; Length 5860;
 Best Local Similarity 100.0%; Pred. No. 0.016;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCAACTACTC 20
2400 TTTCGGACCCCAACTACTC 2419
Db

RESULT 193

US-10-734-801-17

```

: Sequence 17, Application US/10734801
: Publication No. US20040126388A1
:
: GENERAL INFORMATION:
:
: APPLICANT: Bristol-Myers Squibb Company
: TITLE OF INVENTION: In Vitro System for Replication of RNA-Dependent RNA Pol
:
: TITLE OF INVENTION: Viruses
:
: FILE REFERENCE: PH-7171-DIV
:
: CURRENT APPLICATION NUMBER: US/10734,801
:
: CURRENT FILING DATE: 2003-12-12
:
: PRIOR APPLICATION NUMBER: US 60/265,437
:
: PRIOR FILING DATE: 2001-01-31
:
: NUMBER OF SEQ ID NOS: 20
:
: SOFTWARE: PatentIn version 3.1
:
: SEQ ID NO 17
:
: LENGTH: 5860
:
: TYPE: DNA
:
: ORGANISM: viral
:
: US-10-734-801-17

```

Query Match	100.0%;	Score 20;	DB 7;	Length 5860;
Best Local Similarity	100.0%;	Pred. No. 0.016;		
Matches 20:	Conservative	0;	Mismatches 0;	Indels 0;
	Conservative	0;	Mismatches 0;	Indels 0;
	Conservative	0;	Mismatches 0;	Indels 0;

Qy	1	TTCGGACCCCACTACTC	20
Dh	2400	TTCGGACCCCACTACTC	2419

RESULT 194

```

US-10-434-842-16/c
; Sequence 16, Application US/10434842
; Publication No. US20040005549A1
; GENERAL INFORMATION:
; APPLICANT: Bichko, Vadim
; TITLE OF INVENTION: HEPATITIS C VIRUS CONSTRUCTS CHARACTERIZED BY HIGH EFFICIENCY REPLICATION
; FILE REFERENCE: 0342/1H395US3
; CURRENT APPLICATION NUMBER: US/10/434,842
; PRIOR FILING DATE: 2003-05-09
; PRIOR APPLICATION NUMBER: US 10/233,307
; PRIOR FILING DATE: 2002-08-28
; PRIOR APPLICATION NUMBER: US 10/005,469
; PRIOR FILING DATE: 2001-11-07
; PRIOR APPLICATION NUMBER: US 60/245,866
; PRIOR FILING DATE: 2000-11-07
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 16
; LENGTH: 7989
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: FCA4 Replicon Sequence
US-10-434-842-16

```

Query Match	100.0%	Score 20;	DB 6;	Length 7989;
Best Local Similarity	100.0%;	Pred. No. 0.015;		
Matches 20:	Conservative	0;	Mismatches 0;	Indels 0;
	Conservative	0;	Mismatches 0;	Gaps 0;

Qy 1 TTGCGGACCCAACTACTC 20
275 TTGCGGACCCAACTACTC 256

RESUME

```

; US-10-639-150-1/C
; Sequence 1, Application US/10639150
; Publication No. US20040121975A1
; GENERAL INFORMATION:
; APPLICANT: BRISTOL-MYERS SQUIBB COMPANY
; TITLE OF INVENTION: HEPATITIS C VIRUS ASSAYS
; FILE REFERENCE: D0224 NP
; CURRENT APPLICATION NUMBER: US/639,150
; CURRENT FILING DATE: 2003-08-12

```

; PRIOR APPLICATION NUMBER: US 60/402,661
; PRIOR FILING DATE: 2002-08-12
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1
; LENGTH: 7989
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: HCV Replicon
US-10-639-150-1

Query Match 100.0%; Score 20; DB 7; Length 7989;
Best Local Similarity 100.0%; Pred. No. 0.015;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTTCGGACCCCAACACTACTC 20
|||||
DB 275 TTTCGGACCCCAACACTACTC 256

RESULT 196

US-10-897-648-17/c
; Sequence 17, Application US/10897648
; Publication No. US20050043266A1
; GENERAL INFORMATION:
; APPLICANT: Jayasena, Samedha
; APPLICANT: Richardson, Christopher Donald
; TITLE OF INVENTION: SHORT INTERFERING RNA AS AN ANTIVIRAL AGENT FOR HEPATITIS C
; FILE REFERENCE: A-835
; CURRENT APPLICATION NUMBER: US/10/897,648
; CURRENT FILING DATE: 2004-07-22
; PRIOR APPLICATION NUMBER: 60/490,204
; PRIOR FILING DATE: 2003-07-25
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 17
; LENGTH: 7989
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-897-648-17

Query Match 100.0%; Score 20; DB 8; Length 7989;
Best Local Similarity 100.0%; Pred. No. 0.015;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTTCGGACCCCAACACTACTC 20
|||||
DB 275 TTTCGGACCCCAACACTACTC 256

RESULT 197

US-10-005-469-1/c
; Sequence 1, Application US/10005469
; Publication No. US20020155133A1
; GENERAL INFORMATION:
; APPLICANT: ANADYS Pharmaceuticals, Inc.
; APPLICANT: Bichko, Vadim
; TITLE OF INVENTION: HEPATITIS C VIRUS CONSTRUCTS CHARACTERIZED BY HIGH EFFICIENCY REPLICATION
; FILE REFERENCE: 0342/IH395US1
; CURRENT APPLICATION NUMBER: US/10/005,469
; CURRENT FILING DATE: 2002-04-18
; PRIOR APPLICATION NUMBER: US 60/245,866
; PRIOR FILING DATE: 2000-11-07
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 7992
; TYPE: DNA
; ORGANISM: Artificial Sequence
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; OTHER INFORMATION: HCV replicon I377/NS3-3'UTR
US-10-005-469-1

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; Sequence 2, Application US/10005469
; Publication No. US20020155133A1
; GENERAL INFORMATION:
; APPLICANT: ANADYS Pharmaceuticals, Inc.
; APPLICANT: Bichko, Vadim
; TITLE OF INVENTION: HEPATITIS C VIRUS CONSTRUCTS CHARACTERIZED BY HIGH EFFICIENCY REPLICATION
; FILE REFERENCE: 0342/IH395US1
; CURRENT APPLICATION NUMBER: US/10/005,469
; CURRENT FILING DATE: 2002-04-18
; PRIOR APPLICATION NUMBER: US 60/245,866
; PRIOR FILING DATE: 2000-11-07
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 7992
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: HCV Replicon RNA from cell line HCVR2
US-10-005-469-2

Query Match 100.0%; Score 20; DB 5; Length 7992;
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Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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; Sequence 4, Application US/10005469
; Publication No. US20020155133A1
; GENERAL INFORMATION:
; APPLICANT: ANADYS Pharmaceuticals, Inc.
; APPLICANT: Bichko, Vadim
; TITLE OF INVENTION: HEPATITIS C VIRUS CONSTRUCTS CHARACTERIZED BY HIGH EFFICIENCY REPLICATION
; FILE REFERENCE: 0342/IH395US1
; CURRENT APPLICATION NUMBER: US/10/005,469
; CURRENT FILING DATE: 2002-04-18
; PRIOR APPLICATION NUMBER: US 60/245,866
; PRIOR FILING DATE: 2000-11-07
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn version 3.1
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; OTHER INFORMATION: HCV Replicon RNA from cell line HCVR9
US-10-005-469-4

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; Publication No. US20020155133A1
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; APPLICANT: ANADYS Pharmaceuticals, Inc.
; APPLICANT: Bichko, Vadim
; TITLE OF INVENTION: HEPATITIS C VIRUS CONSTRUCTS CHARACTERIZED BY HIGH EFFICIENCY RE
; FILE REFERENCE: 0342/IH395US1
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GenCore version 5.1.7
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Title: US-08-887-505B-28

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

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c 302	12	60.0	1939	6	US-09-925-065A-2562	Sequence 2562, Ap	c 375	12	60.0	5527	12	US-09-925-065A-2562	Sequence 2562, Ap
c 303	12	60.0	1939	6	US-09-925-065A-2563	Sequence 2563, Ap	c 376	12	60.0	5527	12	US-09-925-065A-2563	Sequence 2563, Ap
c 304	12	60.0	1939	6	US-09-925-065A-2564	Sequence 2564, Ap	c 377	12	60.0	5527	12	US-09-925-065A-2564	Sequence 2564, Ap
c 305	12	60.0	2001	12	US-11-043-752-3048	Sequence 3048, Ap	c 378	12	60.0	5527	12	US-11-043-752-3048	Sequence 3048, Ap
c 306	12	60.0	2194	9	US-11-072-512-451	Sequence 451, Appl	c 379	12	60.0	5527	12	US-11-072-512-451	Sequence 451, Appl
c 307	12	60.0	2446	12	US-11-151-601-40	Sequence 40, Appl	c 380	12	60.0	5527	12	US-11-151-601-40	Sequence 40, Appl
c 308	12	60.0	2462	8	US-10-750-185-36346	Sequence 36346, A	c 381	12	60.0	5527	12	US-10-750-185-36346	Sequence 36346, A
c 309	12	60.0	2462	8	US-10-750-623-36346	Sequence 36346, A	c 382	12	60.0	5527	12	US-10-750-623-36346	Sequence 36346, A
c 310	12	60.0	2466	6	US-09-925-065A-684954	Sequence 684954, A	c 383	12	60.0	5527	12	US-09-925-065A-684954	Sequence 684954, A
c 311	12	60.0	2826	6	US-09-925-065A-81842	Sequence 81842, A	c 384	12	60.0	5527	12	US-09-925-065A-81842	Sequence 81842, A
c 312	12	60.0	2826	6	US-09-925-065A-81843	Sequence 81843, A	c 385	12	60.0	5527	12	US-09-925-065A-81843	Sequence 81843, A

C 386	11	55.0	21	8	US-10-310-914A-454693	Sequence 454693,	C 459	11	55.0	317	6	US-09-925-065A-724452	Sequence 724452,
C 387	11	55.0	21	8	US-10-310-914A-736693	Sequence 736693,	C 460	11	55.0	317	6	US-09-925-065A-724453	Sequence 724453,
C 388	11	55.0	21	8	US-10-310-914A-1019881	Sequence 1019881,	C 461	11	55.0	320	6	US-09-925-065A-391182	Sequence 391182,
C 389	11	55.0	22	8	US-10-310-914A-342697	Sequence 342697,	C 462	11	55.0	320	6	US-09-925-065A-391184	Sequence 391184,
C 390	11	55.0	22	8	US-10-310-914A-189992	Sequence 189992,	C 463	11	55.0	329	6	US-09-925-065A-497282	Sequence 497282,
C 391	11	55.0	23	8	US-10-310-914A-260087	Sequence 260087,	C 464	11	55.0	329	6	US-09-925-065A-497283	Sequence 497283,
C 392	11	55.0	23	8	US-10-310-914A-948501	Sequence 948501,	C 465	11	55.0	352	6	US-09-925-065A-913772	Sequence 913772,
C 393	11	55.0	24	8	US-10-310-914A-260080	Sequence 260080,	C 466	11	55.0	352	6	US-09-925-065A-913771	Sequence 913771,
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C 395	11	55.0	24	8	US-10-310-914A-736809	Sequence 736809,	C 468	11	55.0	357	8	US-09-925-065A-299894	Sequence 299894,
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C 398	11	55.0	25	12	US-11-121-849-60892	Sequence 60892, A	C 471	11	55.0	370	6	US-09-925-065A-563436	Sequence 563436,
C 399	11	55.0	25	12	US-11-121-849-61343	Sequence 61343, A	C 472	11	55.0	370	6	US-09-925-065A-563437	Sequence 563437,
C 400	11	55.0	25	12	US-11-121-849-100470	Sequence 100470,	C 473	11	55.0	396	6	US-09-925-065A-703864	Sequence 703864,
C 401	11	55.0	25	12	US-11-121-849-187209	Sequence 187209,	C 474	11	55.0	396	6	US-09-925-065A-703865	Sequence 703865,
C 402	11	55.0	25	12	US-11-121-849-197268	Sequence 197268,	C 475	11	55.0	408	6	US-09-925-065A-430231	Sequence 430231,
C 403	11	55.0	25	12	US-11-121-849-203576	Sequence 203576,	C 476	11	55.0	413	6	US-09-925-065A-376795	Sequence 376795,
C 404	11	55.0	25	12	US-11-121-849-203577	Sequence 203577,	C 477	11	55.0	413	6	US-09-925-065A-376796	Sequence 376796,
C 405	11	55.0	25	12	US-11-121-849-263676	Sequence 263676,	C 478	11	55.0	413	6	US-09-925-065A-376797	Sequence 376797,
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C 408	11	55.0	25	12	US-11-121-849-354311	Sequence 354311,	C 481	11	55.0	421	6	US-09-925-065A-153806	Sequence 153806,
C 409	11	55.0	25	12	US-11-121-849-404263	Sequence 404263,	C 482	11	55.0	421	6	US-09-925-065A-587033	Sequence 587033,
C 410	11	55.0	25	12	US-11-121-849-610487	Sequence 610487,	C 483	11	55.0	424	6	US-09-925-065A-155807	Sequence 155807,
C 411	11	55.0	25	12	US-11-121-849-610488	Sequence 610488,	C 484	11	55.0	424	6	US-09-925-065A-155807	Sequence 155807,
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C 413	11	55.0	25	12	US-11-136-527-62078	Sequence 62078, A	C 486	11	55.0	427	6	US-09-925-065A-376799	Sequence 376799,
C 414	11	55.0	25	12	US-11-136-527-82370	Sequence 82370, A	C 487	11	55.0	427	6	US-09-925-065A-521088	Sequence 521088,
C 415	11	55.0	25	12	US-11-136-527-258510	Sequence 258510,	C 488	11	55.0	439	6	US-09-925-065A-332180	Sequence 332180,
C 416	11	55.0	26	8	US-10-310-914A-695877	Sequence 695877,	C 489	11	55.0	439	6	US-09-925-065A-50276	Sequence 50276,
C 417	11	55.0	50	12	US-11-175-859-3185	Sequence 3185, Ap	C 490	11	55.0	443	6	US-09-925-065A-179640	Sequence 179640,
C 418	11	55.0	50	12	US-11-175-859-11242	Sequence 11242, A	C 491	11	55.0	443	6	US-09-925-065A-179641	Sequence 179641,
C 419	11	55.0	50	12	US-11-175-859-27621	Sequence 27621, A	C 492	11	55.0	445	6	US-09-925-065A-118725	Sequence 118725,
C 420	11	55.0	50	12	US-11-175-859-47890	Sequence 47890, A	C 493	11	55.0	446	6	US-09-925-065A-118726	Sequence 118726,
C 421	11	55.0	50	12	US-11-175-859-54158	Sequence 54158, A	C 494	11	55.0	451	6	US-09-925-065A-659798	Sequence 659798,
C 422	11	55.0	50	12	US-11-175-859-100568	Sequence 100568,	C 495	11	55.0	451	6	US-09-925-065A-219077	Sequence 219077,
C 423	11	55.0	60	8	US-10-310-914A-15361	Sequence 15361, A	C 496	11	55.0	451	6	US-09-925-065A-542653	Sequence 542653,
C 424	11	55.0	199	6	US-09-925-065A-177565	Sequence 177565,	C 497	11	55.0	451	6	US-09-925-065A-542654	Sequence 542654,
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C 426	11	55.0	201	8	US-10-995-561-1359	Sequence 1359, Ap	C 499	11	55.0	453	6	US-09-925-065A-126358	Sequence 126358,
C 427	11	55.0	201	8	US-10-995-561-1361	Sequence 1361, Ap	C 500	11	55.0	453	6	US-09-925-065A-126359	Sequence 126359,
C 428	11	55.0	201	8	US-10-995-561-1407	Sequence 1407, Ap	C 501	11	55.0	453	6	US-09-925-065A-126360	Sequence 126360,
C 429	11	55.0	201	8	US-10-995-561-1410	Sequence 1410, Ap	C 502	11	55.0	455	6	US-09-925-065A-813969	Sequence 813969,
C 430	11	55.0	201	8	US-10-995-561-1412	Sequence 1412, Ap	C 503	11	55.0	456	6	US-09-925-065A-215810	Sequence 215810,
C 431	11	55.0	201	8	US-10-995-561-1458	Sequence 1458, Ap	C 504	11	55.0	457	6	US-09-925-065A-772181	Sequence 772181,
C 432	11	55.0	201	8	US-10-995-561-1461	Sequence 1461, Ap	C 505	11	55.0	457	6	US-09-925-065A-934826	Sequence 934826,
C 433	11	55.0	201	8	US-10-995-561-1463	Sequence 1463, Ap	C 506	11	55.0	457	6	US-09-925-065A-934827	Sequence 934827,
C 434	11	55.0	201	8	US-10-995-561-15377	Sequence 15377, A	C 507	11	55.0	457	6	US-09-925-065A-934828	Sequence 934828,
C 435	11	55.0	201	8	US-10-995-561-15379	Sequence 15379, A	C 508	11	55.0	457	6	US-09-925-065A-934829	Sequence 934829,
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C 441	11	55.0	201	8	US-10-995-561-46312	Sequence 46312, A	C 514	11	55.0	462	6	US-09-925-065A-730249	Sequence 730249,
C 442	11	55.0	201	8	US-10-995-561-56059	Sequence 56059, A	C 515	11	55.0	464	6	US-09-925-065A-624350	Sequence 624350,
C 443	11	55.0	201	8	US-10-995-561-56416	Sequence 56416, A	C 516	11	55.0	467	6	US-09-925-065A-599035	Sequence 599035,
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C 447	11	55.0	201	12	US-11-124-368A-7652	Sequence 7652, Ap	C 520	11	55.0	473	6	US-09-925-065A-453010	Sequence 453010,
C 448	11	55.0	201	12	US-11-124-367A-6057	Sequence 6057, Ap	C 521	11	55.0	475	6	US-09-925-065A-660961	Sequence 660961,
C 449	11	55.0	201	12	US-11-124-367A-15698	Sequence 15698, A	C 522	11	55.0	475	6	US-09-925-065A-719645	Sequence 719645,
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C 453	11	55.0	222	6	US-09-925-065A-439349	Sequence 439349,	C 526	11	55.0	478	6	US-09-925-065A-912038	Sequence 912038,
C 454	11	55.0	222	6	US-09-925-065A-439350	Sequence 439350,	C 527	11	55.0	479	6	US-09-925-065A-272835	Sequence 272835,
C 455	11	55.0	227	12	US-11-043-752-2716	Sequence 2716, Ap	C 528	11	55.0	479	6	US-09-925-065A-376161	Sequence 376161,
C 456	11	55.0	267	6	US-09-925-065A-541136	Sequence 541136,	C 529	11	55.0	481	6	US-09-925-065A-526367	Sequence 526367,
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c 714	11	55.0	568	6	US-09-925-065A-945324	Sequence 945324,	787	11	55.0	587	6	US-09-925-065A-747877	Sequence 747877,
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718	11	55.0	570	6	US-09-925-065A-580174	Sequence 580174,	791	11	55.0	588	6	US-09-925-065A-816962	Sequence 816962,
c 719	11	55.0	570	6	US-09-925-065A-580939	Sequence 580939,	792	11	55.0	588	6	US-09-925-065A-890970	Sequence 890970,
720	11	55.0	570	6	US-09-925-065A-605169	Sequence 605169,	793	11	55.0	588	6	US-09-925-065A-890971	Sequence 890971,
721	11	55.0	570	6	US-09-925-065A-951174	Sequence 951174,	794	11	55.0	588	6	US-09-925-065A-914120	Sequence 914120,
722	11	55.0	571	6	US-09-925-065A-316561	Sequence 316561,	795	11	55.0	590	6	US-09-925-065A-267399	Sequence 267399,
c 723	11	55.0	571	6	US-09-925-065A-421182	Sequence 421182,	796	11	55.0	590	6	US-09-925-065A-854933	Sequence 854933,
724	11	55.0	571	6	US-09-925-065A-503862	Sequence 503862,	c 797	11	55.0	591	6	US-09-925-065A-111674	Sequence 111674,
725	11	55.0	571	6	US-09-925-065A-503863	Sequence 503863,	c 798	11	55.0	591	6	US-09-925-065A-111675	Sequence 111675,
726	11	55.0	571	12	US-11-136-527-1373	Sequence 1373, Ap	c 799	11	55.0	591	6	US-09-925-065A-205597	Sequence 205597,
c 727	11	55.0	571	12	US-11-136-527-5469	Sequence 5469, Ap	800	11	55.0	591	6	US-09-925-065A-263207	Sequence 263207,
c 728	11	55.0	573	6	US-09-925-065A-142603	Sequence 142603,	801	11	55.0	591	6	US-09-925-065A-892282	Sequence 892282,
729	11	55.0	573	6	US-09-925-065A-758132	Sequence 758132,	c 802	11	55.0	592	6	US-09-925-065A-108188	Sequence 108188,
730	11	55.0	573	6	US-09-925-065A-827491	Sequence 827491,	c 803	11	55.0	592	6	US-09-925-065A-108189	Sequence 108189,
c 731	11	55.0	573	6	US-09-925-065A-857182	Sequence 857182,	804	11	55.0	592	6	US-09-925-065A-327909	Sequence 327909,
732	11	55.0	575	6	US-09-925-065A-105575	Sequence 105575,	805	11	55.0	592	6	US-09-925-065A-327910	Sequence 327910,
733	11	55.0	575	6	US-09-925-065A-119109	Sequence 119109,	806	11	55.0	592	6	US-09-925-065A-327911	Sequence 327911,
734	11	55.0	575	6	US-09-925-065A-119110	Sequence 119110,	807	11	55.0	592	6	US-09-925-065A-483788	Sequence 483788,
c 735	11	55.0	575	6	US-09-925-065A-436520	Sequence 436520,	808	11	55.0	592	6	US-09-925-065A-483789	Sequence 483789,
c 736	11	55.0	575	6	US-09-925-065A-662622	Sequence 662622,	809	11	55.0	592	6	US-09-925-065A-563402	Sequence 563402,
c 737	11	55.0	576	6	US-09-925-065A-662622	Sequence 662622,	810	11	55.0	592	6	US-09-925-065A-801787	Sequence 801787,
738	11	55.0	576	6	US-09-925-065A-772248	Sequence 772248,	811	11	55.0	592	6	US-09-925-065A-859168	Sequence 859168,
c 739	11	55.0	576	6	US-09-925-065A-366843	Sequence 366843,	c 812	11	55.0	593	6	US-09-925-065A-896835	Sequence 896835,
740	11	55.0	576	6	US-09-925-065A-586343	Sequence 586343,	c 813	11	55.0	593	6	US-09-925-065A-102442	Sequence 102442,
c 741	11	55.0	577	6	US-09-925-065A-663056	Sequence 663056,	c 814	11	55.0	593	6	US-09-925-065A-650615	Sequence 650615,
c 742	11	55.0	577	6	US-09-925-065A-171522	Sequence 171522, A	c 815	11	55.0	593	6	US-09-925-065A-95487	Sequence 95487, A
743	11	55.0	577	6	US-09-925-065A-628838	Sequence 628838,	c 816	11	55.0	594	6	US-09-925-065A-95487	Sequence 95487, A
c 744	11	55.0	578	6	US-09-925-065A-628194	Sequence 628194,	817	11	55.0	594	6	US-09-925-065A-233929	Sequence 233929,
745	11	55.0	579	6	US-09-925-065A-25420	Sequence 25420, A	818	11	55.0	594	6	US-09-925-065A-233930	Sequence 233930,
746	11	55.0	579	6	US-09-925-065A-398960	Sequence 398960,	819	11	55.0	594	6	US-09-925-065A-418896	Sequence 418896,
747	11	55.0	579	6	US-09-925-065A-398961	Sequence 398961,	820	11	55.0	594	6	US-09-925-065A-418897	Sequence 418897,
748	11	55.0	579	6	US-09-925-065A-398962	Sequence 398962,	821	11	55.0	594	6	US-09-925-065A-870193	Sequence 870193,
c 749	11	55.0	579	6	US-09-925-065A-827128	Sequence 827128,	822	11	55.0	595	6	US-09-925-065A-281266	Sequence 281266,
750	11	55.0	580	6	US-09-925-065A-109348	Sequence 109348,	c 823	11	55.0	595	6	US-09-925-065A-309171	Sequence 309171,

970 11 55.0 626 6 US-09-925-065A-805363
971 11 55.0 626 6 US-09-925-065A-825530
972 11 55.0 627 6 US-09-925-065A-97610 A
c 973 11 55.0 627 6 US-09-925-065A-879174
c 974 11 55.0 627 6 US-09-925-065A-879175
c 975 11 55.0 627 6 US-09-925-065A-883686
c 976 11 55.0 630 6 US-09-925-065A-147850
977 11 55.0 631 6 US-09-925-065A-449763
978 11 55.0 631 6 US-09-925-065A-779589
979 11 55.0 631 6 US-09-925-065A-877743
980 11 55.0 631 6 US-09-925-065A-877744
c 981 11 55.0 632 6 US-09-925-065A-117678
c 982 11 55.0 632 6 US-09-925-065A-117679
c 983 11 55.0 632 6 US-09-925-065A-117680
c 984 11 55.0 632 6 US-09-925-065A-639665
c 985 11 55.0 632 6 US-09-925-065A-880115
c 986 11 55.0 633 6 US-09-925-065A-276290
987 11 55.0 633 6 US-09-925-065A-500949
988 11 55.0 633 6 US-09-925-065A-827889
c 989 11 55.0 633 6 US-09-925-065A-828345
990 11 55.0 633 6 US-09-925-065A-901789
991 11 55.0 634 6 US-09-925-065A-110016
992 11 55.0 634 6 US-09-925-065A-611924
993 11 55.0 635 6 US-09-925-065A-474110
c 994 11 55.0 636 6 US-09-925-065A-295425
c 995 11 55.0 636 6 US-09-925-065A-295426
c 996 11 55.0 636 6 US-09-925-065A-295427
c 997 11 55.0 636 6 US-09-925-065A-507864
c 998 11 55.0 636 6 US-09-925-065A-507865
c 999 11 55.0 636 6 US-09-925-065A-639547
1000 11 55.0 637 6 US-09-925-065A-444733

ALIGNMENTS

RESULT 1
US-11-198-746-121/c
; Sequence 121, Application US/11198746
; Publication No. US20060035256A1
; GENERAL INFORMATION:
; APPLICANT: BROW, MARY ANN D.
; APPLICANT: LYAMICHEV, VICTOR I.
; APPLICANT: OLIVE, DAVID M.
; TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF
; TITLE OF INVENTION: PATHOGENS
; NUMBER OF SEQUENCES: 165
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL
; STREET: 220 MONTGOMERY STREET, SUITE 2200
; CITY: SAN FRANCISCO
; STATE: CALIFORNIA
; COUNTRY: UNITED STATES OF AMERICA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION NUMBER: US/11/198,746
; FILING DATE: 05-Aug-2005
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/941,193
; FILING DATE: 28-Aug-2001
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: CARROLL, PETER G.
; REGISTRATION NUMBER: 32,837
; REFERENCE/DOCKET NUMBER: FORS-01756
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410

Sequence 805363,
Sequence 825530,
Sequence 97610, A
Sequence 879174,
Sequence 879175,
Sequence 883686,
Sequence 147850,
Sequence 449763,
Sequence 779589,
Sequence 877743,
Sequence 877744,
Sequence 117678,
Sequence 117679,
Sequence 117680,
Sequence 639665,
Sequence 880115,
Sequence 276290,
Sequence 500949,
Sequence 827889,
Sequence 828345,
Sequence 901789,
Sequence 110016,
Sequence 611924,
Sequence 474110,
Sequence 295425,
Sequence 295426,
Sequence 295427,
Sequence 507864,
Sequence 507865,
Sequence 639547,
Sequence 444733,

; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 121:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 281 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-11-198-746-121

Query Match 100.0%; Score 20; DB 9; Length 281;
Best Local Similarity 100.0%; Pred. No. 0.0074;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCAACTACTC 20

Db 218 TTTCGGACCCCAACTACTC 199

RESULT 2
US-11-198-746-123/c
; Sequence 123, Application US/11198746
; Publication No. US20060035256A1
; GENERAL INFORMATION:
; APPLICANT: BROW, MARY ANN D.
; APPLICANT: LYAMICHEV, VICTOR I.
; APPLICANT: OLIVE, DAVID M.
; TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF
; TITLE OF INVENTION: PATHOGENS
; NUMBER OF SEQUENCES: 165
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL
; STREET: 220 MONTGOMERY STREET, SUITE 2200
; CITY: SAN FRANCISCO
; STATE: CALIFORNIA
; COUNTRY: UNITED STATES OF AMERICA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION NUMBER: US/11/198,746
; FILING DATE: 05-Aug-2005
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/941,193
; FILING DATE: 28-Aug-2001
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: CARROLL, PETER G.
; REGISTRATION NUMBER: 32,837
; REFERENCE/DOCKET NUMBER: FORS-01756
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 123:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 281 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-11-198-746-123

Query Match 100.0%; Score 20; DB 9; Length 281;
Best Local Similarity 100.0%; Pred. No. 0.0074;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCAACTACTC 20

Db 218 TTTCGGACCCCAACTACTC 199

RESULT 3
US-11-198-746-126/c
; Sequence 126, Application US/11198746
; Publication No. US20060035256A1
; GENERAL INFORMATION:
; APPLICANT: BROW, MARY ANN D.
; APPLICANT: LYAMICHEV, VICTOR I.
; APPLICANT: OLIVE, DAVID M.
; TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF
; TITLE OF INVENTION: PATHOGENS
; NUMBER OF SEQUENCES: 165
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL
; STREET: 220 MONTGOMERY STREET, SUITE 2200
; CITY: SAN FRANCISCO
; STATE: CALIFORNIA
; COUNTRY: UNITED STATES OF AMERICA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/11/198,746
; FILING DATE: 05-Aug-2005
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/941,193
; FILING DATE: 28-Aug-2001
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: CARROLL, PETER G.
; REGISTRATION NUMBER: 32,837
; REFERENCE/DOCKET NUMBER: FORS-01756
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 397-8338
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 126:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 281 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-11-198-746-126
Query Match 100.0%; Score 20; DB 9; Length 281;
Best Local Similarity 100.0%; Pred. No. 0.0074;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 TTTCGGACCCCACTACTC 20
DB 218 TTTCGGACCCCACTACTC 199
RESULT 4
US-11-198-746-127
; Sequence 127, Application US/11198746
; Publication No. US20060035256A1
; GENERAL INFORMATION:
; APPLICANT: BROW, MARY ANN D.
; APPLICANT: LYAMICHEV, VICTOR I.
; APPLICANT: OLIVE, DAVID M.
; TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF
; TITLE OF INVENTION: PATHOGENS
; NUMBER OF SEQUENCES: 165
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL
; STREET: 220 MONTGOMERY STREET, SUITE 2200
; CITY: SAN FRANCISCO

STATE: CALIFORNIA
COUNTRY: UNITED STATES OF AMERICA
ZIP: 94104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/11/198,746
FILING DATE: 05-Aug-2005
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/941,193
FILING DATE: 28-Aug-2001
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: CARROLL, PETER G.
REGISTRATION NUMBER: 32,837
REFERENCE/DOCKET NUMBER: FORS-01756
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 127:
SEQUENCE CHARACTERISTICS:
LENGTH: 281 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-11-198-746-127
Query Match 100.0%; Score 20; DB 9; Length 281;
Best Local Similarity 100.0%; Pred. No. 0.0074;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 TTTCGGACCCCACTACTC 20
DB 64 TTTCGGACCCCACTACTC 83
RESULT 5
US-11-198-746-128
; Sequence 128, Application US/11198746
; Publication No. US20060035256A1
; GENERAL INFORMATION:
; APPLICANT: BROW, MARY ANN D.
; APPLICANT: LYAMICHEV, VICTOR I.
; APPLICANT: OLIVE, DAVID M.
; TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF
; TITLE OF INVENTION: PATHOGENS
; NUMBER OF SEQUENCES: 165
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL
; STREET: 220 MONTGOMERY STREET, SUITE 2200
; CITY: SAN FRANCISCO
; STATE: CALIFORNIA
; COUNTRY: UNITED STATES OF AMERICA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/11/198,746
; FILING DATE: 05-Aug-2005
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/941,193
; FILING DATE: 28-Aug-2001
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:

NAME: CARROLL, PETER G.
REGISTRATION NUMBER: 32,837
REFERENCE/DOCKET NUMBER: FORS-01756
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 128:
SEQUENCE CHARACTERISTICS:
LENGTH: 281 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-11-198-746-128

Query Match 100.0%; Score 20; DB 9; Length 281;
Best Local Similarity 100.0%; Pred. No. 0.0074;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTTCGGACCCCAACTACTC 20
|||||
DB 64 TTTCGGACCCCAACTACTC 83

RESULT 6

US-11-198-746-129
Sequence 129, Application US/11198746
Publication No. US20060035256A1
GENERAL INFORMATION:
APPLICANT: BROW, MARY ANN D.
APPLICANT: LYAMICHEV, VICTOR I.
APPLICANT: OLIVE, DAVID M.
TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF
PATHOGENS
NUMBER OF SEQUENCES: 165
CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL
STREET: 220 MONTGOMERY STREET, SUITE 2200
CITY: SAN FRANCISCO
STATE: CALIFORNIA
COUNTRY: UNITED STATES OF AMERICA
ZIP: 94104

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/11/198,746
FILING DATE: 05-Aug-2005
CLASSIFICATION:

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/941,193
FILING DATE: 28-Aug-2001
CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:
NAME: CARROLL, PETER G.
REGISTRATION NUMBER: 32,837
REFERENCE/DOCKET NUMBER: FORS-01756
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 129:
SEQUENCE CHARACTERISTICS:
LENGTH: 281 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-11-198-746-129

Query Match 100.0%; Score 20; DB 9; Length 281;
Best Local Similarity 100.0%; Pred. No. 0.0074;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 TTTCGGACCCCAACTACTC 20
|||||
DB 64 TTTCGGACCCCAACTACTC 83

RESULT 7

US-11-198-746-132
Sequence 132, Application US/11198746
Publication No. US20060035256A1
GENERAL INFORMATION:
APPLICANT: BROW, MARY ANN D.
APPLICANT: LYAMICHEV, VICTOR I.
APPLICANT: OLIVE, DAVID M.
TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF
PATHOGENS
NUMBER OF SEQUENCES: 165
CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL
STREET: 220 MONTGOMERY STREET, SUITE 2200
CITY: SAN FRANCISCO
STATE: CALIFORNIA
COUNTRY: UNITED STATES OF AMERICA
ZIP: 94104

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/11/198,746
FILING DATE: 05-Aug-2005
CLASSIFICATION:

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/941,193
FILING DATE: 28-Aug-2001
CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:
NAME: CARROLL, PETER G.
REGISTRATION NUMBER: 32,837
REFERENCE/DOCKET NUMBER: FORS-01756
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 132:
SEQUENCE CHARACTERISTICS:
LENGTH: 281 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-11-198-746-132

Query Match 100.0%; Score 20; DB 9; Length 281;
Best Local Similarity 100.0%; Pred. No. 0.0074;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTTCGGACCCCAACTACTC 20
|||||
DB 64 TTTCGGACCCCAACTACTC 83

RESULT 8

US-11-198-794-121/c
Sequence 121, Application US/11198794
Publication No. US20060035257A1
GENERAL INFORMATION:
APPLICANT: BROW, MARY ANN D.
APPLICANT: LYAMICHEV, VICTOR I.
APPLICANT: OLIVE, DAVID M.
TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF
PATHOGENS


```

; NUMBER OF SEQUENCES: 165
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL
; STREET: 220 MONTGOMERY STREET, SUITE 2200
; CITY: SAN FRANCISCO
; STATE: CALIFORNIA
; COUNTRY: UNITED STATES OF AMERICA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/11/198,794
; FILING DATE: 05-Aug-2005
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/941,193
; FILING DATE: 28-Aug-2001
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: CARROLL, PETER G.
; REGISTRATION NUMBER: 32,837
; REFERENCE/DOCKET NUMBER: FORS-01756
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 121:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 281 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-11-198-794-121

Query Match 100.0%; Score 20; DB 9; Length 281;
Best Local Similarity 100.0%; Pred. No. 0.0074;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTTCGGACCCCACTACTC 20
   |||||
DB 218 TTTCGGACCCCACTACTC 199

RESULT 9
US-11-198-794-123/c
; Sequence 123, Application US/11198794
; Publication No. US20060035257A1
; GENERAL INFORMATION:
; APPLICANT: BROW, MARY ANN D.
; APPLICANT: LYAMICHEV, VICTOR I.
; APPLICANT: OLIVE, DAVID M.
; TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF
; PATHOGENS
; NUMBER OF SEQUENCES: 165
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL
; STREET: 220 MONTGOMERY STREET, SUITE 2200
; CITY: SAN FRANCISCO
; STATE: CALIFORNIA
; COUNTRY: UNITED STATES OF AMERICA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/11/198,794
; FILING DATE: 05-Aug-2005
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/941,193
; FILING DATE: 28-Aug-2001
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: CARROLL, PETER G.
; REGISTRATION NUMBER: 32,837
; REFERENCE/DOCKET NUMBER: FORS-01756
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 121:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 281 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear

```

```

; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/941,193
; FILING DATE: 28-Aug-2001
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: CARROLL, PETER G.
; REGISTRATION NUMBER: 32,837
; REFERENCE/DOCKET NUMBER: FORS-01756
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 123:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 281 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-11-198-794-123

Query Match 100.0%; Score 20; DB 9; Length 281;
Best Local Similarity 100.0%; Pred. No. 0.0074;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTTCGGACCCCACTACTC 20
   |||||
DB 218 TTTCGGACCCCACTACTC 199

RESULT 10
US-11-198-794-126/c
; Sequence 126, Application US/11198794
; Publication No. US20060035257A1
; GENERAL INFORMATION:
; APPLICANT: BROW, MARY ANN D.
; APPLICANT: LYAMICHEV, VICTOR I.
; APPLICANT: OLIVE, DAVID M.
; TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF
; PATHOGENS
; NUMBER OF SEQUENCES: 165
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL
; STREET: 220 MONTGOMERY STREET, SUITE 2200
; CITY: SAN FRANCISCO
; STATE: CALIFORNIA
; COUNTRY: UNITED STATES OF AMERICA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/11/198,794
; FILING DATE: 05-Aug-2005
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/941,193
; FILING DATE: 28-Aug-2001
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: CARROLL, PETER G.
; REGISTRATION NUMBER: 32,837
; REFERENCE/DOCKET NUMBER: FORS-01756
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 126:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 281 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear

```

```
; MOLECULE TYPE: DNA (genomic)
US-11-198-794-126

Query Match      100.0%; Score 20; DB 9; Length 281;
Best Local Similarity 100.0%; Pred. No. 0.0074;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTTCGGACCCCAACTACTC 20
    |||||
Db 218 TTTCGGACCCCAACTACTC 199

RESULT 11
US-11-198-794-127
; Sequence 127, Application US/11198794
; Publication No. US20060035257A1
; GENERAL INFORMATION:
; APPLICANT: BROW, MARY ANN D.
; APPLICANT: LYAMICHEV, VICTOR I.
; TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF
; NUMBER OF SEQUENCES: 165
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL
; STREET: 220 MONTGOMERY STREET, SUITE 2200
; CITY: SAN FRANCISCO
; STATE: CALIFORNIA
; COUNTRY: UNITED STATES OF AMERICA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/11/198,794
; FILING DATE: 05-Aug-2005
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/941,193
; FILING DATE: 28-Aug-2001
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: CARROLL, PETER G.
; REGISTRATION NUMBER: 32,837
; REFERENCE/DOCKET NUMBER: FORS-01756
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 127:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 281 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: linear
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-11-198-794-127

Query Match      100.0%; Score 20; DB 9; Length 281;
Best Local Similarity 100.0%; Pred. No. 0.0074;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTTCGGACCCCAACTACTC 20
    |||||
Db 64 TTTCGGACCCCAACTACTC 83

RESULT 12
US-11-198-794-128
; Sequence 128, Application US/11198794
; Publication No. US20060035257A1
; GENERAL INFORMATION:
```

```
; APPLICANT: BROW, MARY ANN D.
; APPLICANT: LYAMICHEV, VICTOR I.
; APPLICANT: OLIVE, DAVID M.
; TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF
; NUMBER OF SEQUENCES: 165
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL
; STREET: 220 MONTGOMERY STREET, SUITE 2200
; CITY: SAN FRANCISCO
; STATE: CALIFORNIA
; COUNTRY: UNITED STATES OF AMERICA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/11/198,794
; FILING DATE: 05-Aug-2005
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/941,193
; FILING DATE: 28-Aug-2001
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: CARROLL, PETER G.
; REGISTRATION NUMBER: 32,837
; REFERENCE/DOCKET NUMBER: FORS-01756
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 128:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 281 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-11-198-794-128

Query Match      100.0%; Score 20; DB 9; Length 281;
Best Local Similarity 100.0%; Pred. No. 0.0074;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTTCGGACCCCAACTACTC 20
    |||||
Db 64 TTTCGGACCCCAACTACTC 83

RESULT 13
US-11-198-794-129
; Sequence 129, Application US/11198794
; Publication No. US20060035257A1
; GENERAL INFORMATION:
; APPLICANT: BROW, MARY ANN D.
; APPLICANT: LYAMICHEV, VICTOR I.
; APPLICANT: OLIVE, DAVID M.
; TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF
; NUMBER OF SEQUENCES: 165
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL
; STREET: 220 MONTGOMERY STREET, SUITE 2200
; CITY: SAN FRANCISCO
; STATE: CALIFORNIA
; COUNTRY: UNITED STATES OF AMERICA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
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```

; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/11/198,794
; FILING DATE: 05-Aug-2005
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/941,193
; FILING DATE: 28-Aug-2001
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: CARROLL, PETER G.
; REGISTRATION NUMBER: 32,837
; REFERENCE/DOCKET NUMBER: FORS-01756
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 129:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 281 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-11-198-794-129

Query Match 100.0%; Score 20; DB 9; Length 281;
Best Local Similarity 100.0%; Pred. No. 0.0074;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTTCGGACCCCAACTACTC 20
DB 64 TTTCGGACCCCAACTACTC 83

RESULT 14
US-11-198-794-132
; Sequence 132, Application US/11198794
; Publication No. US20060035257A1
; GENERAL INFORMATION:
; APPLICANT: BROW, MARY ANN D.
; APPLICANT: LYAMICHEV, VICTOR I.
; APPLICANT: OLIVE, DAVID M.
; TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF
; TITLE OF INVENTION: PATHOGENS
; NUMBER OF SEQUENCES: 165
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL
; STREET: 220 MONTGOMERY STREET, SUITE 2200
; CITY: SAN FRANCISCO
; STATE: CALIFORNIA
; COUNTRY: UNITED STATES OF AMERICA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/11/198,794
; FILING DATE: 05-Aug-2005
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/941,193
; FILING DATE: 28-Aug-2001
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: CARROLL, PETER G.
; REGISTRATION NUMBER: 32,837
; REFERENCE/DOCKET NUMBER: FORS-01756
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 132:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 281 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-11-198-794-132
```

```

; SEQUENCE CHARACTERISTICS:
; LENGTH: 281 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-11-198-794-132

Query Match 100.0%; Score 20; DB 9; Length 281;
Best Local Similarity 100.0%; Pred. No. 0.0074;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTTCGGACCCCAACTACTC 20
DB 64 TTTCGGACCCCAACTACTC 83

RESULT 15
US-11-198-746-124/c
; Sequence 124, Application US/11198746
; Publication No. US20060035256A1
; GENERAL INFORMATION:
; APPLICANT: BROW, MARY ANN D.
; APPLICANT: LYAMICHEV, VICTOR I.
; APPLICANT: OLIVE, DAVID M.
; TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF
; TITLE OF INVENTION: PATHOGENS
; NUMBER OF SEQUENCES: 165
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL
; STREET: 220 MONTGOMERY STREET, SUITE 2200
; CITY: SAN FRANCISCO
; STATE: CALIFORNIA
; COUNTRY: UNITED STATES OF AMERICA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/11/198,746
; FILING DATE: 05-Aug-2005
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/941,193
; FILING DATE: 28-Aug-2001
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: CARROLL, PETER G.
; REGISTRATION NUMBER: 32,837
; REFERENCE/DOCKET NUMBER: FORS-01756
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 124:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 282 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-11-198-746-124

Query Match 100.0%; Score 20; DB 9; Length 282;
Best Local Similarity 100.0%; Pred. No. 0.0074;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTTCGGACCCCAACTACTC 20
DB 219 TTTCGGACCCCAACTACTC 200
```

RESULT 16

US-11-198-746-130
; Sequence 130, Application US/11198746
; Publication No. US20060035256A1
; GENERAL INFORMATION:
; APPLICANT: BROW, MARY ANN D.
; APPLICANT: LYAMICHEV, VICTOR I.
; APPLICANT: OLIVE, DAVID M.
; TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF
; PATHOGENS
; NUMBER OF SEQUENCES: 165
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL
; STREET: 220 MONTGOMERY STREET, SUITE 2200
; CITY: SAN FRANCISCO
; STATE: CALIFORNIA
; COUNTRY: UNITED STATES OF AMERICA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/11/198,746
; FILING DATE: 05-Aug-2005
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/941,193
; FILING DATE: 28-Aug-2001
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: CARROLL, PETER G.
; REGISTRATION NUMBER: 32,837
; REFERENCE/DOCKET NUMBER: FORS-01756
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 130:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 282 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-11-198-746-130

Query Match 100.0%; Score 20; DB 9; Length 282;
Best Local Similarity 100.0%; Pred. No. 0.0074;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCAACTACTC 20
|||||
Db 64 TTTCGGACCCCAACTACTC 83

RESULT 17

US-11-198-794-124/c
; Sequence 124, Application US/11198794
; Publication No. US20060035257A1
; GENERAL INFORMATION:
; APPLICANT: BROW, MARY ANN D.
; APPLICANT: LYAMICHEV, VICTOR I.
; APPLICANT: OLIVE, DAVID M.
; TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF
; PATHOGENS
; NUMBER OF SEQUENCES: 165
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL
; STREET: 220 MONTGOMERY STREET, SUITE 2200
; CITY: SAN FRANCISCO
; STATE: CALIFORNIA
; COUNTRY: UNITED STATES OF AMERICA

; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/11/198,794
; FILING DATE: 05-Aug-2005
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/941,193
; FILING DATE: 28-Aug-2001
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: CARROLL, PETER G.
; REGISTRATION NUMBER: 32,837
; REFERENCE/DOCKET NUMBER: FORS-01756
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 124:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 282 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-11-198-794-124

Query Match 100.0%; Score 20; DB 9; Length 282;
Best Local Similarity 100.0%; Pred. No. 0.0074;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCAACTACTC 20
|||||
Db 219 TTTCGGACCCCAACTACTC 200

RESULT 18

US-11-198-794-130
; Sequence 130, Application US/11198794
; Publication No. US20060035257A1
; GENERAL INFORMATION:
; APPLICANT: BROW, MARY ANN D.
; APPLICANT: LYAMICHEV, VICTOR I.
; APPLICANT: OLIVE, DAVID M.
; TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF
; PATHOGENS
; NUMBER OF SEQUENCES: 165
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL
; STREET: 220 MONTGOMERY STREET, SUITE 2200
; CITY: SAN FRANCISCO
; STATE: CALIFORNIA
; COUNTRY: UNITED STATES OF AMERICA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/11/198,794
; FILING DATE: 05-Aug-2005
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/941,193
; FILING DATE: 28-Aug-2001
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: CARROLL, PETER G.
; REGISTRATION NUMBER: 32,837

; REFERENCE/DOCKET NUMBER: FORS-01756
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 130:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 282 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-11-198-794-130

Query Match 100.0%; Score 20; DB 9; Length 282;
Best Local Similarity 100.0%; Pred. No. 0.0074;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCACTACTC 20
|||||
Db 64 TTTCGGACCCCACTACTC 83

RESULT 19

US-10-538-471-1/c
; Sequence 1, Application US/10538471
; Publication No. US20060035212A1
; GENERAL INFORMATION:
; APPLICANT: Balakireva, Larissa
; TITLE OF INVENTION: MOLECULES INHIBITING HEPATITIS C VIRUS PROTEIN SYNTHESIS AND METH
; FILE REFERENCE: 1759-200
; CURRENT APPLICATION NUMBER: US/10/538,471
; CURRENT FILING DATE: 2005-06-03
; PRIOR APPLICATION NUMBER: PCT/FR03/03675
; PRIOR FILING DATE: 2003-12-11
; PRIOR APPLICATION NUMBER: FR0215718
; PRIOR FILING DATE: 2002-12-12
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 1
; LENGTH: 326
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: HCV
; LOCATION: 40..372
; OTHER INFORMATION: corresponds to IRES sequence of HCV
US-10-538-471-1

Query Match 100.0%; Score 20; DB 7; Length 326;
Best Local Similarity 100.0%; Pred. No. 0.0073;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCACTACTC 20
|||||
Db 236 TTTCGGACCCCACTACTC 217

RESULT 20

US-11-166-234-3/c
; Sequence 3, Application US/11166234
; Publication No. US20060029582A1
; GENERAL INFORMATION:
; APPLICANT: Yu, De-Chao
; APPLICANT: Chen, Yu
; APPLICANT: Henderson, Daniel R.
; TITLE OF INVENTION: METHODS OF TREATING NEOPLASIA
; TITLE OF INVENTION: WITH COMBINATION TARGET CELL-SPECIFIC ADENOVIRUS,
; TITLE OF INVENTION: CHEMOTHERAPY AND RADIATION
; FILE REFERENCE: 348022001600
; CURRENT APPLICATION NUMBER: US/11/166,234
; CURRENT FILING DATE: 2005-06-27
; PRIOR APPLICATION NUMBER: US/09/814,357

; PRIOR FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 60/192,015
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 341
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: 5' UTR region of HCV
US-11-166-234-3

Query Match 100.0%; Score 20; DB 9; Length 341;
Best Local Similarity 100.0%; Pred. No. 0.0073;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCACTACTC 20
|||||
Db 275 TTTCGGACCCCACTACTC 256

RESULT 21

US-11-198-746-122/c
; Sequence 122, Application US/11198746
; Publication No. US20060035256A1
; GENERAL INFORMATION:
; APPLICANT: BROW, MARY ANN D.
; APPLICANT: LYAMICHEV, VICTOR I.
; APPLICANT: OLIVE, DAVID M.
; TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF
; TITLE OF INVENTION: PATHOGENS
; NUMBER OF SEQUENCES: 165
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL
; STREET: 220 MONTGOMERY STREET, SUITE 2200
; CITY: SAN FRANCISCO
; STATE: CALIFORNIA
; COUNTRY: UNITED STATES OF AMERICA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/11/198,746
; FILING DATE: 05-Aug-2005
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/941,193
; FILING DATE: 28-Aug-2001
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: CARROLL, PETER G.
; REGISTRATION NUMBER: 32,837
; REFERENCE/DOCKET NUMBER: FORS-01756
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 122:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 386 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-11-198-746-122

Query Match 100.0%; Score 20; DB 9; Length 386;
Best Local Similarity 100.0%; Pred. No. 0.0072;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCAACTACTC 20
|||||
Db 323 TTTCGGACCCCAACTACTC 304

RESULT 22

US-11-198-794-122/c
; Sequence 122, Application US/11198794
; Publication No. US20060035257A1
; GENERAL INFORMATION:
; APPLICANT: BROW, MARY ANN D.
; APPLICANT: LYAMICHEV, VICTOR I.
; APPLICANT: OLIVE, DAVID M.
; TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF
; TITLE OF INVENTION: PATHOGENS
; NUMBER OF SEQUENCES: 165
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL
; STREET: 220 MONTGOMERY STREET, SUITE 2200
; CITY: SAN FRANCISCO
; STATE: CALIFORNIA
; COUNTRY: UNITED STATES OF AMERICA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/11/198,794
; FILING DATE: 05-Aug-2005
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/941,193
; FILING DATE: 28-Aug-2001
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: CARROLL, PETER G.
; REGISTRATION NUMBER: 32,837
; REFERENCE/DOCKET NUMBER: FORS-01756
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 122:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 386 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-11-198-794-122

Query Match 100.0%; Score 20; DB 9; Length 386;
Best Local Similarity 100.0%; Pred. No. 0.0072;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCAACTACTC 20
|||||
Db 323 TTTCGGACCCCAACTACTC 304

RESULT 23

US-11-173-792-7/c
; Sequence 7, Application US/11173792
; Publication No. US20060019245A1
; GENERAL INFORMATION:
; APPLICANT: Rice III, Charles
; APPLICANT: Blight, Keril
; TITLE OF INVENTION: HCV Variants
; FILE REFERENCE: 6029-4356
; CURRENT APPLICATION NUMBER: US/11/173,792
; CURRENT FILING DATE: 2005-07-01
; PRIOR APPLICATION NUMBER: US/09/576,989

; PRIOR FILING DATE: 2000-05-23
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 7
; LENGTH: 7848
; TYPE: DNA
; ORGANISM: Hepatitis C virus
US-11-173-792-7

Query Match 100.0%; Score 20; DB 12; Length 7848;
Best Local Similarity 100.0%; Pred. No. 0.0058;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCAACTACTC 20
|||||
Db 275 TTTCGGACCCCAACTACTC 256

RESULT 24

US-10-509-921-9/c
; Sequence 9, Application US/10509921
; Publication No. US20050250093A1
; GENERAL INFORMATION:
; APPLICANT: SmithKline Beecham Corporation
; TITLE OF INVENTION: Hepatitis C Virus Sub-Genomic Replicons
; FILE REFERENCE: P51335
; CURRENT APPLICATION NUMBER: US/10/509,921
; CURRENT FILING DATE: 2004-10-01
; PRIOR APPLICATION NUMBER: 60/369,685
; PRIOR FILING DATE: 2002-04-03
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 9
; LENGTH: 7979
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Thepolynucleotide sequence encodes sequences from
; OTHER INFORMATION: HCV J4(B/R1) Replicons
US-10-509-921-9

Query Match 100.0%; Score 20; DB 8; Length 7979;
Best Local Similarity 100.0%; Pred. No. 0.0058;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCAACTACTC 20
|||||
Db 275 TTTCGGACCCCAACTACTC 256

RESULT 25

US-10-509-921-10/c
; Sequence 10, Application US/10509921
; Publication No. US20050250093A1
; GENERAL INFORMATION:
; APPLICANT: SmithKline Beecham Corporation
; TITLE OF INVENTION: Hepatitis C Virus Sub-Genomic Replicons
; FILE REFERENCE: P51335
; CURRENT APPLICATION NUMBER: US/10/509,921
; CURRENT FILING DATE: 2004-10-01
; PRIOR APPLICATION NUMBER: 60/369,685
; PRIOR FILING DATE: 2002-04-03
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 10
; LENGTH: 7979
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Thepolynucleotide sequence encodes sequences from
; OTHER INFORMATION: HCV J4(J4B/R1(C)) Replicons
US-10-509-921-10

Query Match 100.0%; Score 20; DB 8; Length 7979;
Best Local Similarity 100.0%; Pred. No. 0.0058;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTCGCGACCCCAACTACTC 20
Db 275 TTCGCGACCCCAACTACTC 256
|||||

RESULT 26

US-10-509-921-11/c
; Sequence 11, Application US/10509921
; Publication No. US20050250093A1
; GENERAL INFORMATION:
; APPLICANT: SmithKline Beecham Corporation
; TITLE OF INVENTION: Hepatitis C Virus Sub-Genomic Replicons
; FILE REFERENCE: P51335
; CURRENT APPLICATION NUMBER: US/10/509,921
; CURRENT FILING DATE: 2004-10-01
; PRIOR APPLICATION NUMBER: 60/369,685
; PRIOR FILING DATE: 2002-04-03
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 11
; LENGTH: 7979
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Thepolynucleotide sequence encodes sequences from
; OTHER INFORMATION: HCV J4 Replicons
US-10-509-921-11

Query Match 100.0%; Score 20; DB 8; Length 7979;
Best Local Similarity 100.0%; Pred. No. 0.0058;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTCGCGACCCCAACTACTC 20
Db 275 TTCGCGACCCCAACTACTC 256
|||||

RESULT 27

US-10-509-921-12/c
; Sequence 12, Application US/10509921
; Publication No. US20050250093A1
; GENERAL INFORMATION:
; APPLICANT: SmithKline Beecham Corporation
; TITLE OF INVENTION: Hepatitis C Virus Sub-Genomic Replicons
; FILE REFERENCE: P51335
; CURRENT APPLICATION NUMBER: US/10/509,921
; CURRENT FILING DATE: 2004-10-01
; PRIOR APPLICATION NUMBER: 60/369,685
; PRIOR FILING DATE: 2002-04-03
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 12
; LENGTH: 7979
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Thepolynucleotide sequence encodes sequences from
; OTHER INFORMATION: HCV J4 Replicons
US-10-509-921-12

Query Match 100.0%; Score 20; DB 8; Length 7979;
Best Local Similarity 100.0%; Pred. No. 0.0058;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTCGCGACCCCAACTACTC 20
Db 275 TTCGCGACCCCAACTACTC 256
|||||

RESULT 28

US-10-509-921-4/c
; Sequence 4, Application US/10509921
; Publication No. US20050250093A1
; GENERAL INFORMATION:
; APPLICANT: SmithKline Beecham Corporation
; TITLE OF INVENTION: Hepatitis C Virus Sub-Genomic Replicons
; FILE REFERENCE: P51335
; CURRENT APPLICATION NUMBER: US/10/509,921
; CURRENT FILING DATE: 2004-10-01
; PRIOR APPLICATION NUMBER: 60/369,685
; PRIOR FILING DATE: 2002-04-03
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 4
; LENGTH: 7980
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Thepolynucleotide sequence encodes sequences from
; OTHER INFORMATION: HCV H77 (BB7-F3) Replicons
US-10-509-921-4

Query Match 100.0%; Score 20; DB 8; Length 7980;
Best Local Similarity 100.0%; Pred. No. 0.0058;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTCGCGACCCCAACTACTC 20
Db 275 TTCGCGACCCCAACTACTC 256
|||||

RESULT 29

US-10-509-921-5/c
; Sequence 5, Application US/10509921
; Publication No. US20050250093A1
; GENERAL INFORMATION:
; APPLICANT: SmithKline Beecham Corporation
; TITLE OF INVENTION: Hepatitis C Virus Sub-Genomic Replicons
; FILE REFERENCE: P51335
; CURRENT APPLICATION NUMBER: US/10/509,921
; CURRENT FILING DATE: 2004-10-01
; PRIOR APPLICATION NUMBER: 60/369,685
; PRIOR FILING DATE: 2002-04-03
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 5
; LENGTH: 7980
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Thepolynucleotide sequence encodes sequences from
; OTHER INFORMATION: HCV H77 (BB7-F3(C)) Replicons
US-10-509-921-5

Query Match 100.0%; Score 20; DB 8; Length 7980;
Best Local Similarity 100.0%; Pred. No. 0.0058;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTCGCGACCCCAACTACTC 20
Db 275 TTCGCGACCCCAACTACTC 256
|||||

RESULT 30

US-10-509-921-7/c
; Sequence 7, Application US/10509921
; Publication No. US20050250093A1
; GENERAL INFORMATION:
; APPLICANT: SmithKline Beecham Corporation
; TITLE OF INVENTION: Hepatitis C Virus Sub-Genomic Replicons
; FILE REFERENCE: P51335
; CURRENT APPLICATION NUMBER: US/10/509,921

```
; CURRENT FILING DATE: 2004-10-01
; PRIOR APPLICATION NUMBER: 60/369,685
; PRIOR FILING DATE: 2002-04-03
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 7
; LENGTH: 7983
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Thepolynucleotide sequence encodes sequences from
; OTHER INFORMATION: HCV 1a Replicons
US-10-509-921-7

Query Match          100.0%; Score 20; DB 8; Length 7983;
Best Local Similarity 100.0%; Pred. No. 0.0058;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCAACTACTC 20
   |||||
Db 275 TTTCGGACCCCAACTACTC 256

RESULT 31
US-11-173-792-5/c
; Sequence 5, Application US/11173792
; Publication No. US20060019245A1
; GENERAL INFORMATION:
; APPLICANT: Rice III, Charles
; TITLE OF INVENTION: HCV Variants
; FILE REFERENCE: 6029-4356
; CURRENT APPLICATION NUMBER: US/11/173,792
; CURRENT FILING DATE: 2005-07-01
; PRIOR APPLICATION NUMBER: US/09/576,989
; PRIOR FILING DATE: 2000-05-23
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 5
; LENGTH: 7987
; TYPE: DNA
; ORGANISM: Hepatitis C virus
US-11-173-792-5

Query Match          100.0%; Score 20; DB 12; Length 7987;
Best Local Similarity 100.0%; Pred. No. 0.0058;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCAACTACTC 20
   |||||
Db 275 TTTCGGACCCCAACTACTC 256

RESULT 32
US-11-173-792-8/c
; Sequence 8, Application US/11173792
; Publication No. US20060019245A1
; GENERAL INFORMATION:
; APPLICANT: Rice III, Charles
; TITLE OF INVENTION: HCV Variants
; FILE REFERENCE: 6029-4356
; CURRENT APPLICATION NUMBER: US/11/173,792
; CURRENT FILING DATE: 2005-07-01
; PRIOR APPLICATION NUMBER: US/09/576,989
; PRIOR FILING DATE: 2000-05-23
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 8
; LENGTH: 7987
; TYPE: DNA
; ORGANISM: Hepatitis C virus
US-11-173-792-8
```

```
Query Match          100.0%; Score 20; DB 12; Length 7987;
Best Local Similarity 100.0%; Pred. No. 0.0058;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCAACTACTC 20
   |||||
Db 275 TTTCGGACCCCAACTACTC 256

RESULT 33
US-11-173-792-13/c
; Sequence 13, Application US/11173792
; Publication No. US20060019245A1
; GENERAL INFORMATION:
; APPLICANT: Rice III, Charles
; TITLE OF INVENTION: HCV Variants
; FILE REFERENCE: 6029-4356
; CURRENT APPLICATION NUMBER: US/11/173,792
; CURRENT FILING DATE: 2005-07-01
; PRIOR APPLICATION NUMBER: US/09/576,989
; PRIOR FILING DATE: 2000-05-23
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 13
; LENGTH: 7987
; TYPE: DNA
; ORGANISM: Hepatitis C virus
US-11-173-792-13

Query Match          100.0%; Score 20; DB 12; Length 7987;
Best Local Similarity 100.0%; Pred. No. 0.0058;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCAACTACTC 20
   |||||
Db 275 TTTCGGACCCCAACTACTC 256
```

```
RESULT 34
US-10-509-921-2/c
; Sequence 2, Application US/10509921
; Publication No. US20050250093A1
; GENERAL INFORMATION:
; APPLICANT: SmithKline Beecham Corporation
; TITLE OF INVENTION: Hepatitis C Virus Sub-Genomic Replicons
; FILE REFERENCE: PSI335
; CURRENT APPLICATION NUMBER: US/10/509,921
; CURRENT FILING DATE: 2004-10-01
; PRIOR APPLICATION NUMBER: 60/369,685
; PRIOR FILING DATE: 2002-04-03
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 7989
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Thepolynucleotide sequence encodes sequences from
; OTHER INFORMATION: HCV H77 (BB7-F1)Replicons
US-10-509-921-2

Query Match          100.0%; Score 20; DB 8; Length 7989;
Best Local Similarity 100.0%; Pred. No. 0.0058;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCAACTACTC 20
   |||||
Db 275 TTTCGGACCCCAACTACTC 256
```

RESULT 35


```
US-10-509-921-6/c
; Sequence 6, Application US/10509921
; Publication No. US20050250093A1
; GENERAL INFORMATION:
; APPLICANT: SmithKline Beecham Corporation
; TITLE OF INVENTION: Hepatitis C Virus Sub-Genomic Replicons
; FILE REFERENCE: P51335
; CURRENT APPLICATION NUMBER: US/10/509,921
; CURRENT FILING DATE: 2004-10-01
; PRIOR APPLICATION NUMBER: 60/369,685
; PRIOR FILING DATE: 2002-04-03
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 6
; LENGTH: 7989
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Thepolynucleotide sequence encodes sequences from
; OTHER INFORMATION: HCV H77(BB7/H77NS5B)Replicons
US-10-509-921-6

Query Match      100.0%; Score 20; DB 8; Length 7989;
Best Local Similarity 100.0%; Pred. No. 0.0058;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTCGCGACCCCACTACTC 20
Db 275 TTCGCGACCCCACTACTC 256

RESULT 36
US-10-509-921-8/c
; Sequence 8, Application US/10509921
; Publication No. US20050250093A1
; GENERAL INFORMATION:
; APPLICANT: SmithKline Beecham Corporation
; TITLE OF INVENTION: Hepatitis C Virus Sub-Genomic Replicons
; FILE REFERENCE: P51335
; CURRENT APPLICATION NUMBER: US/10/509,921
; CURRENT FILING DATE: 2004-10-01
; PRIOR APPLICATION NUMBER: 60/369,685
; PRIOR FILING DATE: 2002-04-03
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 8
; LENGTH: 7989
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Thepolynucleotide sequence encodes sequences from
; OTHER INFORMATION: HCV J4(J4 M/S)Replicons
US-10-509-921-8

Query Match      100.0%; Score 20; DB 8; Length 7989;
Best Local Similarity 100.0%; Pred. No. 0.0058;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTCGCGACCCCACTACTC 20
Db 275 TTCGCGACCCCACTACTC 256

RESULT 37
US-10-509-921-13/c
; Sequence 13, Application US/10509921
; Publication No. US20050250093A1
; GENERAL INFORMATION:
; APPLICANT: SmithKline Beecham Corporation
; TITLE OF INVENTION: Hepatitis C Virus Sub-Genomic Replicons
; FILE REFERENCE: P51335
; CURRENT APPLICATION NUMBER: US/10/509,921
; CURRENT FILING DATE: 2004-10-01
```

```
US-10-509-921-14/c
; Sequence 14, Application US/10509921
; Publication No. US20050250093A1
; GENERAL INFORMATION:
; APPLICANT: SmithKline Beecham Corporation
; TITLE OF INVENTION: Hepatitis C Virus Sub-Genomic Replicons
; FILE REFERENCE: P51335
; CURRENT APPLICATION NUMBER: US/10/509,921
; CURRENT FILING DATE: 2004-10-01
; PRIOR APPLICATION NUMBER: 60/369,685
; PRIOR FILING DATE: 2002-04-03
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 14
; LENGTH: 7989
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Thepolynucleotide sequence encodes sequences from
; OTHER INFORMATION: HCV H77(pBB7-SN)Replicons
US-10-509-921-14

Query Match      100.0%; Score 20; DB 8; Length 7989;
Best Local Similarity 100.0%; Pred. No. 0.0058;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTCGCGACCCCACTACTC 20
Db 275 TTCGCGACCCCACTACTC 256

RESULT 38
US-10-509-921-14/c
; Sequence 14, Application US/10509921
; Publication No. US20050250093A1
; GENERAL INFORMATION:
; APPLICANT: SmithKline Beecham Corporation
; TITLE OF INVENTION: Hepatitis C Virus Sub-Genomic Replicons
; FILE REFERENCE: P51335
; CURRENT APPLICATION NUMBER: US/10/509,921
; CURRENT FILING DATE: 2004-10-01
; PRIOR APPLICATION NUMBER: 60/369,685
; PRIOR FILING DATE: 2002-04-03
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 14
; LENGTH: 7989
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Thepolynucleotide sequence encodes sequences from
; OTHER INFORMATION: HCV H77(pBB7-SN)Replicons
US-10-509-921-14

Query Match      100.0%; Score 20; DB 8; Length 7989;
Best Local Similarity 100.0%; Pred. No. 0.0058;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTCGCGACCCCACTACTC 20
Db 275 TTCGCGACCCCACTACTC 256

RESULT 39
US-11-119-330-1/c
; Sequence 1, Application US/11119330
; Publication No. US20050260568A1
; GENERAL INFORMATION:
; APPLICANT: Gao, Min
; APPLICANT: Lemm, Julie A.
; APPLICANT: O'Boyle, Donald R.
; APPLICANT: Nower, Peter
; TITLE OF INVENTION: HEPATITIS C VIRUS ASSAYS
; FILE REFERENCE: 10283 NP
; CURRENT APPLICATION NUMBER: US/11/119,330
; CURRENT FILING DATE: 2005-04-29
; PRIOR APPLICATION NUMBER: 60/567,270
; PRIOR FILING DATE: 2004-04-30
; PRIOR APPLICATION NUMBER: 60/568,590
; PRIOR FILING DATE: 2004-05-06
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: Patent in version 3.3
```

```
; SEQ ID NO 1
; LENGTH: 7989
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: HCV Replicon
US-11-119-330-1

Query Match          100.0%; Score 20; DB 12; Length 7989;
Best Local Similarity 100.0%; Pred. No. 0.0058;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCAACTACTC 20
    |||||
Db 275 TTTCGGACCCCAACTACTC 256

RESULT 40
US-11-173-792-6/c
; Sequence 6, Application US/11173792
; Publication No. US20060019245A1
; GENERAL INFORMATION:
; APPLICANT: Rice III, Charles
; TITLE OF INVENTION: HCV Variants
; FILE REFERENCE: 6029-4356
; CURRENT APPLICATION NUMBER: US/11/173,792
; CURRENT FILING DATE: 2005-07-01
; PRIOR APPLICATION NUMBER: US/09/576,989
; PRIOR FILING DATE: 2000-05-23
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 6
; LENGTH: 7989
; TYPE: DNA
; ORGANISM: Hepatitis C virus
US-11-173-792-6

Query Match          100.0%; Score 20; DB 12; Length 7989;
Best Local Similarity 100.0%; Pred. No. 0.0058;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCAACTACTC 20
    |||||
Db 275 TTTCGGACCCCAACTACTC 256

RESULT 41
US-11-173-792-3/c
; Sequence 9, Application US/11173792
; Publication No. US20060019245A1
; GENERAL INFORMATION:
; APPLICANT: Rice III, Charles
; TITLE OF INVENTION: HCV Variants
; FILE REFERENCE: 6029-4356
; CURRENT APPLICATION NUMBER: US/11/173,792
; CURRENT FILING DATE: 2005-07-01
; PRIOR APPLICATION NUMBER: US/09/576,989
; PRIOR FILING DATE: 2000-05-23
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 9
; LENGTH: 7989
; TYPE: DNA
; ORGANISM: Hepatitis C virus
US-11-173-792-3

Query Match          100.0%; Score 20; DB 12; Length 7989;
Best Local Similarity 100.0%; Pred. No. 0.0058;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCAACTACTC 20
    |||||
Db 275 TTTCGGACCCCAACTACTC 256

RESULT 42
US-11-173-792-10/c
; Sequence 10, Application US/11173792
; Publication No. US20060019245A1
; GENERAL INFORMATION:
; APPLICANT: Rice III, Charles
; TITLE OF INVENTION: HCV Variants
; FILE REFERENCE: 6029-4356
; CURRENT APPLICATION NUMBER: US/11/173,792
; CURRENT FILING DATE: 2005-07-01
; PRIOR APPLICATION NUMBER: US/09/576,989
; PRIOR FILING DATE: 2000-05-23
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 10
; LENGTH: 7989
; TYPE: DNA
; ORGANISM: Hepatitis C virus
US-11-173-792-10

Query Match          100.0%; Score 20; DB 12; Length 7989;
Best Local Similarity 100.0%; Pred. No. 0.0058;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCAACTACTC 20
    |||||
Db 275 TTTCGGACCCCAACTACTC 256

RESULT 43
US-10-509-921-3/c
; Sequence 3, Application US/10509921
; Publication No. US20050250093A1
; GENERAL INFORMATION:
; APPLICANT: SmithKline Beecham Corporation
; TITLE OF INVENTION: Hepatitis C Virus Sub-Genomic Replicons
; FILE REFERENCE: P51335
; CURRENT APPLICATION NUMBER: US/10/509,921
; CURRENT FILING DATE: 2004-10-01
; PRIOR APPLICATION NUMBER: 60/369,685
; PRIOR FILING DATE: 2002-04-03
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 7992
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Thepolynucleotide sequence encodes sequences from
; OTHER INFORMATION: HCV H77(BB7-F1/F2) Replicons
US-10-509-921-3

Query Match          100.0%; Score 20; DB 8; Length 7992;
Best Local Similarity 100.0%; Pred. No. 0.0058;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCAACTACTC 20
    |||||
Db 275 TTTCGGACCCCAACTACTC 256

RESULT 44
US-11-111-686-1/c
; Sequence 1, Application US/11111686
; Publication No. US2005026022A1
; GENERAL INFORMATION:
; APPLICANT: ANADYS Pharmaceuticals, Inc.
; APPLICANT: Bichko, Vadim
```

```
; TITLE OF INVENTION: HEPATITIS C VIRUS CONSTRUCTS CHARACTERIZED BY HIGH EFFICIENCY REP
; FILE REFERENCE: 0342/IH395US1
; CURRENT APPLICATION NUMBER: US/11/111,686
; CURRENT FILING DATE: 2005-04-20
; PRIOR APPLICATION NUMBER: US/10/005,469
; PRIOR FILING DATE: 2002-04-18
; PRIOR APPLICATION NUMBER: US 60/245,866
; PRIOR FILING DATE: 2000-11-07
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 7992
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: HCV replicon I377/NS3-3'UTR
US-11-111-686-1

Query Match          100.0%; Score 20; DB 12; Length 7992;
Best Local Similarity 100.0%; Pred. No. 0.0058;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTTCGGACCCCAACTACTC 20
Db 275 TTTCGGACCCCAACTACTC 256

RESULT 45
US-11-111-686-2/c
; Sequence 2, Application US/11/111,686
; Publication No. US20050260221A1
; GENERAL INFORMATION:
; APPLICANT: ANADYS Pharmaceuticals, Inc.
; APPLICANT: Bichko, Vadim
; TITLE OF INVENTION: HEPATITIS C VIRUS CONSTRUCTS CHARACTERIZED BY HIGH EFFICIENCY REP
; FILE REFERENCE: 0342/IH395US1
; CURRENT APPLICATION NUMBER: US/11/111,686
; CURRENT FILING DATE: 2005-04-20
; PRIOR APPLICATION NUMBER: US/10/005,469
; PRIOR FILING DATE: 2002-04-18
; PRIOR APPLICATION NUMBER: US 60/245,866
; PRIOR FILING DATE: 2000-11-07
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 7992
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: HCV Replicon RNA from cell line HCVR2
US-11-111-686-2

Query Match          100.0%; Score 20; DB 12; Length 7992;
Best Local Similarity 100.0%; Pred. No. 0.0058;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTTCGGACCCCAACTACTC 20
Db 275 TTTCGGACCCCAACTACTC 256

RESULT 46
US-11-111-686-4/c
; Sequence 4, Application US/11/111,686
; Publication No. US20050260221A1
; GENERAL INFORMATION:
; APPLICANT: ANADYS Pharmaceuticals, Inc.
; APPLICANT: Bichko, Vadim
; TITLE OF INVENTION: HEPATITIS C VIRUS CONSTRUCTS CHARACTERIZED BY HIGH EFFICIENCY REP
; FILE REFERENCE: 0342/IH395US1
; CURRENT APPLICATION NUMBER: US/11/111,686
; CURRENT FILING DATE: 2005-04-20
; PRIOR APPLICATION NUMBER: US 60/245,866
; PRIOR FILING DATE: 2000-11-07
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn version 3.1
```

```
; PRIOR FILING DATE: 2002-04-18
; PRIOR APPLICATION NUMBER: US 60/245,866
; PRIOR FILING DATE: 2000-11-07
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4
; LENGTH: 7992
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: HCV Replicon RNA from cell line HCVR9
US-11-111-686-4
```

```
Query Match          100.0%; Score 20; DB 12; Length 7992;
Best Local Similarity 100.0%; Pred. No. 0.0058;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1 TTTCGGACCCCAACTACTC 20
Db 275 TTTCGGACCCCAACTACTC 256
```

```
RESULT 47
US-11-111-686-5/c
; Sequence 5, Application US/11/111,686
; Publication No. US20050260221A1
; GENERAL INFORMATION:
; APPLICANT: ANADYS Pharmaceuticals, Inc.
; APPLICANT: Bichko, Vadim
; TITLE OF INVENTION: HEPATITIS C VIRUS CONSTRUCTS CHARACTERIZED BY HIGH EFFICIENCY REP
; FILE REFERENCE: 0342/IH395US1
; CURRENT APPLICATION NUMBER: US/11/111,686
; CURRENT FILING DATE: 2005-04-20
; PRIOR APPLICATION NUMBER: US/10/005,469
; PRIOR FILING DATE: 2002-04-18
; PRIOR APPLICATION NUMBER: US 60/245,866
; PRIOR FILING DATE: 2000-11-07
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 7992
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: HCV Replicon from cell line HCVR22
US-11-111-686-5
```

```
Query Match          100.0%; Score 20; DB 12; Length 7992;
Best Local Similarity 100.0%; Pred. No. 0.0058;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1 TTTCGGACCCCAACTACTC 20
Db 275 TTTCGGACCCCAACTACTC 256
```

```
RESULT 48
US-11-111-686-6/c
; Sequence 6, Application US/11/111,686
; Publication No. US20050260221A1
; GENERAL INFORMATION:
; APPLICANT: ANADYS Pharmaceuticals, Inc.
; APPLICANT: Bichko, Vadim
; TITLE OF INVENTION: HEPATITIS C VIRUS CONSTRUCTS CHARACTERIZED BY HIGH EFFICIENCY REP
; FILE REFERENCE: 0342/IH395US1
; CURRENT APPLICATION NUMBER: US/11/111,686
; CURRENT FILING DATE: 2005-04-20
; PRIOR APPLICATION NUMBER: US/10/005,469
; PRIOR FILING DATE: 2002-04-18
; PRIOR APPLICATION NUMBER: US 60/245,866
; PRIOR FILING DATE: 2000-11-07
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn version 3.1
```

```
; SEQ ID NO 6
; LENGTH: 7992
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: HCV Replicon from cell line HCVr24
US-11-111-686-6

Query Match      100.0%; Score 20; DB 12; Length 7992;
Best Local Similarity 100.0%; Pred. No. 0.0058;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCAACTACTC 20
Db 275 TTTCGGACCCCAACTACTC 256

RESULT 49
US-11-111-686-3/c
; Sequence 3, Application US/11111686
; Publication No. US20050260221a1
; GENERAL INFORMATION:
; APPLICANT: ANADYS Pharmaceuticals, Inc.
; APPLICANT: Bichko, Vadim
; TITLE OF INVENTION: HEPATITIS C VIRUS CONSTRUCTS CHARACTERIZED BY HIGH EFFICIENCY REPLICATION
; FILE REFERENCE: 0342/IH395US1
; CURRENT APPLICATION NUMBER: US/11/111,686
; CURRENT FILING DATE: 2005-04-20
; PRIOR APPLICATION NUMBER: US/10/005,469
; PRIOR FILING DATE: 2002-04-18
; PRIOR APPLICATION NUMBER: US 60/245,866
; PRIOR FILING DATE: 2000-11-07
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3
; LENGTH: 7995
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: HCV Replicon RNA from cell line HCVr8
US-11-111-686-3

Query Match      100.0%; Score 20; DB 12; Length 7995;
Best Local Similarity 100.0%; Pred. No. 0.0058;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTCGGACCCCAACTACTC 20
Db 275 TTTCGGACCCCAACTACTC 256

RESULT 50
US-10-985-205-1/c
; Sequence 1, Application US/10985205
; Publication No. US20050266400a1
; GENERAL INFORMATION:
; APPLICANT: Dumonceaux, Julie
; APPLICANT: Cormier, Emmanuel G.
; APPLICANT: Dragic, Tatjana
; TITLE OF INVENTION: NOVEL SEQUENCES ENCODING HEPATITIS C VIRUS GLYCOPROTEINS
; FILE REFERENCE: 71242-A/JFW/AJD
; CURRENT APPLICATION NUMBER: US/10/985,205
; CURRENT FILING DATE: 2004-11-09
; PRIOR APPLICATION NUMBER: US 60/519,536
; PRIOR FILING DATE: 2003-11-12
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 9599
; TYPE: DNA
; ORGANISM: Hepatitis C virus
US-10-985-205-1
```

```
Query Match      100.0%; Score 20; DB 8; Length 9599;
Best Local Similarity 100.0%; Pred. No. 0.0057;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 1 TTTCGGACCCCAACTACTC 20
Db 275 TTTCGGACCCCAACTACTC 256
```

```
RESULT 51
US-09-925-065A-537858/c
; Sequence 537858, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 537858
; LENGTH: 151
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-537858
```

```
Query Match      80.0%; Score 16; DB 6; Length 151;
Best Local Similarity 100.0%; Pred. No. 1.9;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 4 GCGACCCCAACTACT 19
Db 51 GCGACCCCAACTACT 36
```

```
RESULT 52
US-09-925-065A-913908
; Sequence 913908, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 913908
; LENGTH: 641
```

```
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-913908

Query Match      70.0%; Score 14; DB 6; Length 641;
Best Local Similarity 100.0%; Pred. No. 28;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 ACCCAACTACTC 20
DB 397 ACCCAACTACTC 410

RESULT 53
US-09-925-065A-891128
; Sequence 891128, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 891128
; LENGTH: 646
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-891128

Query Match      70.0%; Score 14; DB 6; Length 646;
Best Local Similarity 100.0%; Pred. No. 28;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 ACCCAACTACTC 20
DB 398 ACCCAACTACTC 411

RESULT 54
US-09-925-065A-891130
; Sequence 891130, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
```

```
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 891130
; LENGTH: 646
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-891130

Query Match      70.0%; Score 14; DB 6; Length 646;
Best Local Similarity 100.0%; Pred. No. 28;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 ACCCAACTACTC 20
DB 398 ACCCAACTACTC 411

RESULT 55
US-09-925-065A-914246
; Sequence 914246, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 914246
; LENGTH: 646
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-914246

Query Match      70.0%; Score 14; DB 6; Length 646;
Best Local Similarity 100.0%; Pred. No. 28;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 ACCCAACTACTC 20
DB 398 ACCCAACTACTC 411

RESULT 56
US-10-793-626-1731/c
; Sequence 1731, Application US/10793626
; Publication No. US20050255478A1
; GENERAL INFORMATION:
; APPLICANT: KIMMERLY, WILLIAM JOHN
; TITLE OF INVENTION: STAPHYLOCOCCUS EPIDERMIDIS NUCLEIC ACIDS AND PROTEINS
; FILE REFERENCE: P03480US
; CURRENT APPLICATION NUMBER: US/10/793,626
; CURRENT FILING DATE: 2004-03-04
; PRIOR APPLICATION NUMBER: 60/164,258
; PRIOR FILING DATE: 1999-11-09
; NUMBER OF SEQ ID NOS: 4472
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1731
; LENGTH: 927
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
```

; OTHER INFORMATION: Description of Artificial Sequence: synthetic
; OTHER INFORMATION: nucleic acid sequence
US-10-793-626-1731

Query Match 70.0%; Score 14; DB 8; Length 927;
Best Local Similarity 100.0%; Pred. No. 27;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTCGCGACCCCAACA 14
| | | | | | | | | |
Db 28 TTCGCGACCCCAACA 15

RESULT 57
US-10-185-25160
; Sequence 25160, Application US/10750185
; Publication No. US20050260603A1
; GENERAL INFORMATION:
; APPLICANT: MMI GENOMICS, INC.
; APPLICANT: DENISE, Sue K.
; APPLICANT: KERR, Richard
; APPLICANT: ROSENFELD, David
; APPLICANT: HOLM, Tom
; APPLICANT: BATES, Stephen
; APPLICANT: FANTIN, Dennis
; TITLE OF INVENTION: COMPOSITIONS FOR INFERRING BOVINE TRAITS
; CURRENT APPLICATION NUMBER: US/10/750,185
; CURRENT FILING DATE: 2003-12-31
; PRIOR APPLICATION NUMBER: US 60/437,482
; PRIOR FILING DATE: 2002-12-31
; NUMBER OF SEQ ID NOS: 64922
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 25160
; LENGTH: 1505
; TYPE: DNA
; ORGANISM: Bovine 19866881118393
US-10-750-185-25160

Query Match 70.0%; Score 14; DB 8; Length 1505;
Best Local Similarity 100.0%; Pred. No. 26;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 6 GACCCCAACTACT 19
| | | | | | | | | |
Db 610 GACCCCAACTACT 623

RESULT 58
US-10-750-623-25160
; Sequence 25160, Application US/10750623
; Publication No. US20050287531A1
; GENERAL INFORMATION:
; APPLICANT: MMI GENOMICS, INC.
; APPLICANT: DENISE, Sue K.
; APPLICANT: KERR, Richard
; APPLICANT: ROSENFELD, David
; APPLICANT: HOLM, Tom
; APPLICANT: BATES, Stephen
; APPLICANT: FANTIN, Dennis
; TITLE OF INVENTION: METHODS AND SYSTEMS FOR INFERRING BOVINE TRAITS
; CURRENT APPLICATION NUMBER: US/10/750,623
; CURRENT FILING DATE: 2003-12-31
; PRIOR APPLICATION NUMBER: US 60/437,482
; PRIOR FILING DATE: 2002-12-31
; NUMBER OF SEQ ID NOS: 64922
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 25160
; LENGTH: 1505
; TYPE: DNA
; ORGANISM: Bovine 19866881118393
US-10-750-623-25160

Query Match 70.0%; Score 14; DB 8; Length 1505;
Best Local Similarity 100.0%; Pred. No. 26;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 6 GACCCCAACTACT 19
| | | | | | | | | |
Db 610 GACCCCAACTACT 623

RESULT 59
US-10-750-185-56713/c
; Sequence 56713, Application US/10750185
; Publication No. US20050260603A1
; GENERAL INFORMATION:
; APPLICANT: MMI GENOMICS, INC.
; APPLICANT: DENISE, Sue K.
; APPLICANT: KERR, Richard
; APPLICANT: ROSENFELD, David
; APPLICANT: HOLM, Tom
; APPLICANT: BATES, Stephen
; APPLICANT: FANTIN, Dennis
; TITLE OF INVENTION: COMPOSITIONS FOR INFERRING BOVINE TRAITS
; FILE REFERENCE: MM1100-2
; CURRENT APPLICATION NUMBER: US/10/750,185
; CURRENT FILING DATE: 2003-12-31
; PRIOR APPLICATION NUMBER: US 60/437,482
; PRIOR FILING DATE: 2002-12-31
; NUMBER OF SEQ ID NOS: 64922
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 56713
; LENGTH: 3652
; TYPE: DNA
; ORGANISM: Bovine 19866880979040
US-10-750-185-56713

Query Match 70.0%; Score 14; DB 8; Length 3652;
Best Local Similarity 100.0%; Pred. No. 24;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTCGCGACCCCAACA 14
| | | | | | | | | |
Db 1802 TTCGCGACCCCAACA 1789

RESULT 60
US-10-750-623-56713/c
; Sequence 56713, Application US/10750623
; Publication No. US20050287531A1
; GENERAL INFORMATION:
; APPLICANT: MMI GENOMICS, INC.
; APPLICANT: DENISE, Sue K.
; APPLICANT: KERR, Richard
; APPLICANT: ROSENFELD, David
; APPLICANT: HOLM, Tom
; APPLICANT: BATES, Stephen
; APPLICANT: FANTIN, Dennis
; TITLE OF INVENTION: METHODS AND SYSTEMS FOR INFERRING BOVINE TRAITS
; FILE REFERENCE: MM1100-1
; CURRENT APPLICATION NUMBER: US/10/750,623
; CURRENT FILING DATE: 2003-12-31
; PRIOR APPLICATION NUMBER: US 60/437,482
; PRIOR FILING DATE: 2002-12-31
; NUMBER OF SEQ ID NOS: 64922
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 56713
; LENGTH: 3652
; TYPE: DNA
; ORGANISM: Bovine 19866880979040
US-10-750-623-56713

Query Match 70.0%; Score 14; DB 8; Length 3652;
Best Local Similarity 100.0%; Pred. No. 24;

```
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTGCGGACCAACA 14
    |||||
Db 1802 TTGCGGACCAACA 1789

RESULT 61
US-10-793-626-3976
; Sequence 3976, Application US/10793626
; Publication No. US20050255478A1
; GENERAL INFORMATION:
; APPLICANT: KIMMERLY, WILLIAM JOHN
; TITLE OF INVENTION: STAPHYLOCOCCUS EPIDERMIDIS NUCLEIC ACIDS AND PROTEINS
; FILE REFERENCE: PU3480US
; CURRENT APPLICATION NUMBER: US/10/793,626
; CURRENT FILING DATE: 2004-03-04
; PRIOR APPLICATION NUMBER: 60/164,258
; PRIOR FILING DATE: 1999-11-09
; NUMBER OF SEQ ID NOS: 4472
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 3976
; LENGTH: 4069
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic
; OTHER INFORMATION: nucleic acid sequence
US-10-793-626-3976

Query Match 70.0%; Score 14; DB 8; Length 4069;
Best Local Similarity 100.0%; Pred. No. 24;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTGCGGACCAACA 14
    |||||
Db 1584 TTGCGGACCAACA 1597

RESULT 62
US-10-310-914A-436642/c
; Sequence 436642, Application US/10310914A
; Publication No. US20060003322A1
; GENERAL INFORMATION:
; APPLICANT: Bentwich, Isaac
; TITLE OF INVENTION: Bioinformatically detectable group of novel regulatory genes and
; FILE REFERENCE: 06087.0200.CPUS01
; CURRENT APPLICATION NUMBER: US/10/310,914A
; CURRENT FILING DATE: 2002-12-06
; NUMBER OF SEQ ID NOS: 1388402
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 436642
; LENGTH: 20
; TYPE: RNA
; ORGANISM: Human
US-10-310-914A-436642

Query Match 65.0%; Score 13; DB 8; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 8 CCCAACACTACTC 20
    |||||
Db 16 CCCAACACTACTC 4

RESULT 63
US-10-310-914A-106395
; Sequence 106395, Application US/10310914A
; Publication No. US20060003322A1
; GENERAL INFORMATION:
```

```
; APPLICANT: Bentwich, Isaac
; APPLICANT: Shiller, Kvuzat
; TITLE OF INVENTION: Bioinformatically detectable group of novel regulatory genes and
; FILE REFERENCE: 06087.0200.CPUS01
; CURRENT APPLICATION NUMBER: US/10/310,914A
; CURRENT FILING DATE: 2002-12-06
; NUMBER OF SEQ ID NOS: 1388402
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 106395
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Human
US-10-310-914A-106395
```

```
Query Match 65.0%; Score 13; DB 8; Length 21;
Best Local Similarity 84.6%; Pred. No. 1.4e+02;
Matches 11; Conservative 2; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 7 ACCCAACACTACT 19
    |||||
Db 6 ACCCAACACUACU 18
```

```
RESULT 64
US-11-121-849-489188/c
; Sequence 489188, Application US/11121849
; Publication No. US20050272080A1
; GENERAL INFORMATION:
; APPLICANT: John Palma
; TITLE OF INVENTION: Microarrays
; FILE REFERENCE: 3684.1
; CURRENT APPLICATION NUMBER: US/11/121,849
; CURRENT FILING DATE: 2005-05-03
; PRIOR APPLICATION NUMBER: 60/567,949
; PRIOR FILING DATE: 2004-05-03
; NUMBER OF SEQ ID NOS: 673904
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 489188
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-11-121-849-489188
```

```
Query Match 65.0%; Score 13; DB 12; Length 25;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 3 CGCGACCCCAACAC 15
    |||||
Db 18 CGCGACCCCAACAC 6
```

```
RESULT 65
US-10-995-561-34333
; Sequence 34333, Application US/10995561
; Publication No. US20050272054A1
; GENERAL INFORMATION:
; APPLICANT: CARGILL, Michele et al.
; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
; FILE REFERENCE: CARDIOVASCULAR DISORDERS AND DRUG RESPONSE, METHODS OF
; CURRENT APPLICATION NUMBER: US/10/995,561
; CURRENT FILING DATE: 2004-11-24
; NUMBER OF SEQ ID NOS: 85702
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 34333
; LENGTH: 201
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-995-561-34333
```

Query Match 65.0%; Score 13; DB 8; Length 201;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 6 GACCCAACTAC 18
| | | | | | | | | |
Db 182 GACCCAACTAC 194

RESULT 66
US-09-925-065A-192718
; Sequence 192718, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 192718
; LENGTH: 439
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-192718

Query Match 65.0%; Score 13; DB 6; Length 439;
Best Local Similarity 100.0%; Pred. No. 1.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 6 GACCCAACTAC 18
| | | | | | | | | |
Db 240 GACCCAACTAC 252

RESULT 67
US-09-925-065A-192719
; Sequence 192719, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 192719
; LENGTH: 439

; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-192719

Query Match 65.0%; Score 13; DB 6; Length 439;
Best Local Similarity 100.0%; Pred. No. 1.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 6 GACCCAACTAC 18
| | | | | | | | | |
Db 240 GACCCAACTAC 252

RESULT 68
US-09-925-065A-192720
; Sequence 192720, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 192720
; LENGTH: 443
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-192720

Query Match 65.0%; Score 13; DB 6; Length 443;
Best Local Similarity 100.0%; Pred. No. 1.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 6 GACCCAACTAC 18
| | | | | | | | | |
Db 244 GACCCAACTAC 256

RESULT 69
US-09-925-065A-156076
; Sequence 156076, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; NUMBER OF SEQ ID NOS: 957086


```
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 156076
; LENGTH: 444
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-156076

Query Match          65.0%; Score 13; DB 6; Length 444;
Best Local Similarity 100.0%; Pred. No. 1.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 7 ACCCAACTACTACT 19
    |||||
Db 283 ACCCAACTACTACT 295

RESULT 70
US-09-925-065A-156077
; Sequence 156077, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 156077
; LENGTH: 511
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-156077

Query Match          65.0%; Score 13; DB 6; Length 511;
Best Local Similarity 100.0%; Pred. No. 1.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 7 ACCCAACTACTACT 19
    |||||
Db 348 ACCCAACTACTACT 360

RESULT 71
US-09-925-065A-471258/c
; Sequence 471258, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/250,092

; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 471259
; LENGTH: 515
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-471259/c
; Sequence 471259, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 471259
; LENGTH: 515
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-471259

Query Match          65.0%; Score 13; DB 6; Length 515;
Best Local Similarity 100.0%; Pred. No. 1.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 8 CCCAACACTACTCT 20
    |||||
Db 154 CCCAACACTACTCT 142

RESULT 72
US-09-925-065A-471259/c
; Sequence 471259, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 471259
; LENGTH: 515
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-471259

Query Match          65.0%; Score 13; DB 6; Length 515;
Best Local Similarity 100.0%; Pred. No. 1.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 8 CCCAACACTACTCT 20
    |||||
Db 154 CCCAACACTACTCT 142

RESULT 73
US-09-925-065A-639991/c
; Sequence 639991, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/250,092
```

; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 639991
; LENGTH: 516
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-639991

Query Match 65.0%; Score 13; DB 6; Length 516;
Best Local Similarity 100.0%; Pred. No. 1.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 7 ACCCAACTACT 19
| | | | | | | | | |
Db 76 ACCCAACTACT 64

RESULT 74

US-09-925-065A-613841/c
; Sequence 613841, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 613841
; LENGTH: 526
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-613841

Query Match 65.0%; Score 13; DB 6; Length 526;
Best Local Similarity 100.0%; Pred. No. 1.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 6 GACCAACTACT 18
| | | | | | | | | |
Db 367 GACCAACTACT 355

RESULT 75

US-09-925-065A-277711
; Sequence 277711, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24

; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 277711
; LENGTH: 544
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-277711

Query Match 65.0%; Score 13; DB 6; Length 544;
Best Local Similarity 100.0%; Pred. No. 1.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 6 GACCAACTACT 18
| | | | | | | | | |
Db 408 GACCAACTACT 420

RESULT 76

US-09-925-065A-844056/c
; Sequence 844056, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 844056
; LENGTH: 553
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-844056

Query Match 65.0%; Score 13; DB 6; Length 553;
Best Local Similarity 100.0%; Pred. No. 1.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 7 ACCCAACTACT 19
| | | | | | | | | |
Db 75 ACCCAACTACT 63

RESULT 77

US-09-925-065A-844057/c
; Sequence 844057, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-05-09
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24

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; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 844057
; LENGTH: 553
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-844057

Query Match          65.0%; Score 13; DB 6; Length 553;
Best Local Similarity 100.0%; Pred. No. 1.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      7 ACCCAACTACT 19
Db      75 ACCCAACTACT 63

RESULT 78
US-09-925-065A-666339
; Sequence 666339, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE OF INVENTION: Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 666339
; LENGTH: 559
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-666339

Query Match          65.0%; Score 13; DB 6; Length 559;
Best Local Similarity 100.0%; Pred. No. 1.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      8 CCCCACTACTC 20
Db      500 CCCCACTACTC 512

RESULT 79
US-09-925-065A-690825/c
; Sequence 690825, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE OF INVENTION: Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 690825
; LENGTH: 585
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-690825

Query Match          65.0%; Score 13; DB 6; Length 585;
Best Local Similarity 100.0%; Pred. No. 1.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      7 ACCCAACTACT 19
Db      151 ACCCAACTACT 139

RESULT 80
US-09-925-065A-515750/c
; Sequence 515750, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE OF INVENTION: Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 515750
; LENGTH: 587
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-515750

Query Match          65.0%; Score 13; DB 6; Length 587;
Best Local Similarity 100.0%; Pred. No. 1.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      6 GACCAACTACT 18
Db      238 GACCAACTACT 226

RESULT 81
US-09-925-065A-515751/c
; Sequence 515751, Application US/09925065A
; Publication No. US20040181048A1
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; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 515751
; LENGTH: 587
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-515751
```

```
Query Match      65.0%; Score 13; DB 6; Length 587;
Best Local Similarity 100.0%; Pred. No. 1.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      6 GACCCAACTACTAC 18
      |||||
Db      238 GACCCAACTACTAC 226
```

RESULT 82

```
US-09-925-065A-557660
; Sequence 557660, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 557660
; LENGTH: 587
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-557660
```

```
Query Match      65.0%; Score 13; DB 6; Length 587;
Best Local Similarity 100.0%; Pred. No. 1.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      6 GACCCAACTACTAC 18
      |||||
Db      394 GACCCAACTACTAC 406
```

RESULT 83

```
US-09-925-065A-557661
; Sequence 557661, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 557661
; LENGTH: 587
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-557661
```

```
Query Match      65.0%; Score 13; DB 6; Length 587;
Best Local Similarity 100.0%; Pred. No. 1.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      6 GACCCAACTACTAC 18
      |||||
Db      394 GACCCAACTACTAC 406
```

RESULT 84

```
US-09-925-065A-256872
; Sequence 256872, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 256872
; LENGTH: 600
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-256872
```

```
Query Match      65.0%; Score 13; DB 6; Length 600;
Best Local Similarity 100.0%; Pred. No. 1.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      8 CCCAACTACTACTC 20
      |||||
Db      441 CCCAACTACTACTC 453
```

RESULT 85
US-09-925-065A-128517/c
; Sequence 128517, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 128517
; LENGTH: 602
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-128517

Query Match 65.0%; Score 13; DB 6; Length 602;
Best Local Similarity 100.0%; Pred. No. 1.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 8 CCCAACACTACTC 20
Db 55 CCCAACACTACTC 43

RESULT 86
US-09-925-065A-128518/c
; Sequence 128518, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 128518
; LENGTH: 602
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-128518

Query Match 65.0%; Score 13; DB 6; Length 602;
Best Local Similarity 100.0%; Pred. No. 1.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 8 CCCAACACTACTC 20
Db 55 CCCAACACTACTC 43

RESULT 87
US-09-925-065A-575680
; Sequence 575680, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 575680
; LENGTH: 605
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-575680

Query Match 65.0%; Score 13; DB 6; Length 605;
Best Local Similarity 100.0%; Pred. No. 1.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 7 ACCCAACACTACT 19
Db 509 ACCCAACACTACT 521

RESULT 88
US-09-925-065A-575121
; Sequence 575121, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 575121
; LENGTH: 624
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-575121

Query Match 65.0%; Score 13; DB 6; Length 624;

Best Local Similarity 100.0%; Pred. No. 1.1e+02; DB 6; Length 633;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 8 CCCAACACTACTC 20
Db 164 CCCAACACTACTC 176

RESULT 89

US-09-925-065A-762369
; Sequence 762369, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US 60/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 762369
; LENGTH: 633
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-762369

Query Match 65.0%; Score 13; DB 6; Length 633;
Best Local Similarity 100.0%; Pred. No. 1.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 8 CCCAACACTACTC 20
Db 395 CCCAACACTACTC 407

RESULT 90

US-09-925-065A-672082
; Sequence 672082, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 672082
; LENGTH: 643
; TYPE: DNA
; ORGANISM: Homo sapiens

US-09-925-065A-672082

Query Match 65.0%; Score 13; DB 6; Length 643;
Best Local Similarity 100.0%; Pred. No. 1.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 8 CCCAACACTACTC 20
Db 16 CCCAACACTACTC 28

RESULT 91

US-09-925-065A-672083
; Sequence 672083, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 672083
; LENGTH: 643
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-672083

Query Match 65.0%; Score 13; DB 6; Length 643;
Best Local Similarity 100.0%; Pred. No. 1.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 8 CCCAACACTACTC 20
Db 16 CCCAACACTACTC 28

RESULT 92

US-09-925-065A-871292
; Sequence 871292, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 871292

; LENGTH: 669
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-871292

Query Match 65.0%; Score 13; DB 6; Length 669;
Best Local Similarity 100.0%; Pred. No. 1.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 ACCCAACTACT 19
|||||
DB 291 ACCCAACTACT 303

RESULT 93

US-09-925-065A-38982/c
; Sequence 38982, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 38982
; LENGTH: 1287
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-38982

Query Match 65.0%; Score 13; DB 6; Length 1287;
Best Local Similarity 100.0%; Pred. No. 1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 ACCCAACTACT 19
|||||
DB 1244 ACCCAACTACT 1232

RESULT 94

US-10-750-185-27982
; Sequence 27982, Application US/10750185
; Publication No. US20050260603A1
; GENERAL INFORMATION:
; APPLICANT: MMI GENOMICS, INC.
; APPLICANT: DENISE, Sue K.
; APPLICANT: KERR, Richard
; APPLICANT: ROSENFELD, David
; APPLICANT: HOLM, Tom
; APPLICANT: BATES, Stephen
; APPLICANT: FANTIN, Dennis
; TITLE OF INVENTION: COMPOSITIONS FOR INFERRING BOVINE TRAITS
; FILE REFERENCE: MM1100-2
; CURRENT APPLICATION NUMBER: US/10/750,185
; CURRENT FILING DATE: 2003-12-31
; PRIOR APPLICATION NUMBER: US 60/437,482
; PRIOR FILING DATE: 2002-12-31
; NUMBER OF SEQ ID NOS: 64922
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 27982

; LENGTH: 1619
; TYPE: DNA
; ORGANISM: Bovine 19866880799198
US-10-750-185-27982

Query Match 65.0%; Score 13; DB 8; Length 1619;
Best Local Similarity 100.0%; Pred. No. 1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 8 CCCAACACTACTC 20
|||||
DB 573 CCCAACACTACTC 585

RESULT 95

US-10-750-623-27982
; Sequence 27982, Application US/10750623
; Publication No. US20050287531A1
; GENERAL INFORMATION:
; APPLICANT: MMI GENOMICS, INC.
; APPLICANT: DENISE, Sue K.
; APPLICANT: KERR, Richard
; APPLICANT: ROSENFELD, David
; APPLICANT: HOLM, Tom
; APPLICANT: BATES, Stephen
; APPLICANT: FANTIN, Dennis
; TITLE OF INVENTION: METHODS AND SYSTEMS FOR INFERRING BOVINE TRAITS
; FILE REFERENCE: MM1100-1
; CURRENT APPLICATION NUMBER: US/10/750,623
; CURRENT FILING DATE: 2003-12-31
; PRIOR APPLICATION NUMBER: US 60/437,482
; PRIOR FILING DATE: 2002-12-31
; NUMBER OF SEQ ID NOS: 64922
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 27982
; LENGTH: 1619
; TYPE: DNA
; ORGANISM: Bovine 19866880799198
US-10-750-623-27982

Query Match 65.0%; Score 13; DB 8; Length 1619;
Best Local Similarity 100.0%; Pred. No. 1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 8 CCCAACACTACTC 20
|||||
DB 573 CCCAACACTACTC 585

RESULT 96

US-10-947-249-56
; Sequence 56, Application US/10947249
; Publication No. US20050287541A1
; GENERAL INFORMATION:
; APPLICANT: Akira NAKAGAWARA
; APPLICANT: MIKI OHIRA
; APPLICANT: Shin ISHII
; APPLICANT: Takeshi GOTO
; APPLICANT: Hiroyuki KUBO
; APPLICANT: Takahiro HIRATA
; APPLICANT: Yasuko YOSHIDA
; APPLICANT: Saichi YAMADA
; TITLE OF INVENTION: Microarray for Predicting the Prognosis of Neuroblastoma
; FILE REFERENCE: 117007
; CURRENT APPLICATION NUMBER: US/10/947,249
; CURRENT FILING DATE: 2004-09-23
; PRIOR APPLICATION NUMBER: US 60/505,614
; PRIOR FILING DATE: 2003-09-25
; NUMBER OF SEQ ID NOS: 200
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 56
; LENGTH: 1715

```
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-947-249-56

Query Match      65.0%; Score 13; DB 8; Length 1715;
Best Local Similarity 100.0%; Pred. No. 1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      3  CGCGACCAACAC 15
Db      406 CGCGACCAACAC 418

RESULT 97
US-11-122-144-13/c
; Sequence 13, Application US/11122144
; Publication No. US20050287663A1
; GENERAL INFORMATION:
; APPLICANT: Gillespie, Alison
; Claeps, Brian O.
; Chavez-Noriega, Laura Elena
; Siegel, Robert
; Elliott, Kathryn J.
; TITLE OF INVENTION: DNA ENCODING HUMAN ( AND ( SUBUNITS
; OF NEURONAL NICOTINIC ACETYLCHOLINE
; RECEPTOR, CELLS TRANSFORMED THEREWITH,
; AND RECOMBINANT CELL LINE EXPRESSING
; NUMBER OF SEQUENCES: 18
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Merck & Co., Inc.
; STREET: 126 E. Lincoln Avenue
; CITY: Rahway
; STATE: NJ
; COUNTRY: USA
; ZIP: 07065-0907
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/11/122,144
; FILING DATE: 04-May-2005
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/703,951
; FILING DATE: 01-Nov-2000
; APPLICATION NUMBER: US 08/487,596
; FILING DATE: 07-JUN-1995
; APPLICATION NUMBER: WO US94/02447
; FILING DATE: 08-MAR-1994
; APPLICATION NUMBER: US 08/149,503
; FILING DATE: 08-NOV-1993
; APPLICATION NUMBER: US 08/028,031
; FILING DATE: 08-MAR-1993
; APPLICATION NUMBER: US 07/938,154
; FILING DATE: 30-NOV-1992
; APPLICATION NUMBER: US 07/504,455
; FILING DATE: 03-APR-1990
; ATTORNEY/AGENT INFORMATION:
; NAME: Kohli, Vineet
; REGISTRATION NUMBER: 37,003
; REFERENCE/DOCKET NUMBER: SD99511A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 732-594-3889
; TELEFAX: 732-594-4720
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 2448 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: both
; MOLECULE TYPE: cDNA
```

```
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 265..1773
; OTHER INFORMATION: /product= "BETA-2 SUBUNIT"
; SEQUENCE DESCRIPTION: SEQ ID NO: 13:
US-11-122-144-13

Query Match      65.0%; Score 13; DB 12; Length 2448;
Best Local Similarity 100.0%; Pred. No. 1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      7  ACCCAACACTACT 19
Db      1835 ACCCAACACTACT 1823

RESULT 98
US-11-129-861-42
; Sequence 42, Application US/11129861
; Publication No. US20060031956A1
; GENERAL INFORMATION:
; APPLICANT: Kurachi, Kotoku
; APPLICANT: Kurachi, Sumiko
; TITLE OF INVENTION: Nucleotide Sequences for Gene Regulation and Methods of
; FILE REFERENCE: UM-03603
; CURRENT APPLICATION NUMBER: US/11/129,861
; CURRENT FILING DATE: 2005-05-16
; PRIOR APPLICATION NUMBER: US/09/328,925
; PRIOR FILING DATE: 1999-06-09
; NUMBER OF SEQ ID NOS: 84
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 42
; LENGTH: 12222
; TYPE: DNA
; ORGANISM: Homo sapiens
US-11-129-861-42

Query Match      65.0%; Score 13; DB 9; Length 12222;
Best Local Similarity 100.0%; Pred. No. 88;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      6  GACCCAACTACTAC 18
Db      10652 GACCCAACTACTAC 10664

RESULT 99
US-10-995-561-13268
; Sequence 13268, Application US/10995561
; Publication No. US20050272054A1
; GENERAL INFORMATION:
; APPLICANT: CARGILL, Michele et al.
; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
; TITLE OF INVENTION: CARDIOVASCULAR DISORDERS AND DRUG RESPONSE, METHODS OF
; TITLE OF INVENTION: DETECTION AND USES THEREOF
; FILE REFERENCE: CL001559
; CURRENT APPLICATION NUMBER: US/10/995,561
; CURRENT FILING DATE: 2004-11-24
; NUMBER OF SEQ ID NOS: 85702
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 13268
; LENGTH: 25871
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)..(25871)
; OTHER INFORMATION: n = A,T,C or G, or insertion/deletion polymorphism (see Tables 1-
US-10-995-561-13268

Query Match      65.0%; Score 13; DB 8; Length 25871;
Best Local Similarity 100.0%; Pred. No. 83;
```


Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 6 GACCCAACTACTAC 18

Db 16983 GACCCAACTACTAC 16995

RESULT 100

US-11-124-367A-5004/c

; Sequence 5004, Application US/11124367A

; Publication No. US20060024700A1

; GENERAL INFORMATION:

; APPLICANT: Michele Cargill

; APPLICANT: Hongjin Huang

; TITLE OF INVENTION: Genetic Polymorphisms Associated with

; FILE REFERENCE: CL001519.ORD

; CURRENT APPLICATION NUMBER: US/11/124,367A

; CURRENT FILING DATE: 2005-05-09

; PRIOR APPLICATION NUMBER: US 60/568,846

; PRIOR FILING DATE: 2004-05-07

; PRIOR APPLICATION NUMBER: US 60/582,609

; PRIOR FILING DATE: 2004-06-25

; PRIOR APPLICATION NUMBER: US 60/599,554

; PRIOR FILING DATE: 2004-08-09

; NUMBER OF SEQ ID NOS: 34460

; SOFTWARE: FastSeq for Windows Version 4.0

; SEQ ID NO 5004

; LENGTH: 100000

; TYPE: DNA

; ORGANISM: Homo sapiens

US-11-124-367A-5004

Query Match

Best Local Similarity 65.0%; Score 13; DB 12; Length 100000;

Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 8 CCCAACACTACTC 20

Db 9628 CCCAACACTACTC 9616

RESULT 101

US-11-121-086-87

; Sequence 87, Application US/11121086

; Publication No. US20050266459A1

; GENERAL INFORMATION:

; APPLICANT: POULSEN, TIM S.

; APPLICANT: NIELSEN, KIRSTEN V.

; TITLE OF INVENTION: NUCLEIC ACID PROBES AND NUCLEIC ACID ANALOG PROBES

; FILE REFERENCE: 09138.6000-00000

; CURRENT APPLICATION NUMBER: US/11/121,086

; CURRENT FILING DATE: 2005-05-04

; PRIOR APPLICATION NUMBER: 60/567,570

; PRIOR FILING DATE: 2004-05-04

; NUMBER OF SEQ ID NOS: 107

; SOFTWARE: PatentIn version 3.3

; SEQ ID NO 87

; LENGTH: 156260

; TYPE: DNA

; ORGANISM: Homo sapiens

US-11-121-086-87

Query Match

Best Local Similarity 65.0%; Score 13; DB 12; Length 156260;

Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 8 CCCAACACTACTC 20

Db 51346 CCCAACACTACTC 51358

RESULT 102

US-11-121-086-59

; Sequence 59, Application US/11121086

; Publication No. US20050266459A1

; GENERAL INFORMATION:

; APPLICANT: POULSEN, TIM S.

; APPLICANT: NIELSEN, KIRSTEN V.

; TITLE OF INVENTION: NUCLEIC ACID PROBES AND NUCLEIC ACID ANALOG PROBES

; FILE REFERENCE: 09138.6000-00000

; CURRENT APPLICATION NUMBER: US/11/121,086

; CURRENT FILING DATE: 2005-05-04

; PRIOR APPLICATION NUMBER: 60/567,570

; PRIOR FILING DATE: 2004-05-04

; NUMBER OF SEQ ID NOS: 107

; SOFTWARE: PatentIn version 3.3

; SEQ ID NO 59

; LENGTH: 162537

; TYPE: DNA

; ORGANISM: Homo sapiens

US-11-121-086-59

Query Match

Best Local Similarity 65.0%; Score 13; DB 12; Length 162537;

Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 ACCCAACTACTACT 19

Db 103988 ACCCAACTACTACT 104000

RESULT 103

US-11-121-086-71/c

; Sequence 71, Application US/11121086

; Publication No. US20050266459A1

; GENERAL INFORMATION:

; APPLICANT: POULSEN, TIM S.

; APPLICANT: NIELSEN, KIRSTEN V.

; TITLE OF INVENTION: NUCLEIC ACID PROBES AND NUCLEIC ACID ANALOG PROBES

; FILE REFERENCE: 09138.6000-00000

; CURRENT APPLICATION NUMBER: US/11/121,086

; CURRENT FILING DATE: 2005-05-04

; PRIOR APPLICATION NUMBER: 60/567,570

; PRIOR FILING DATE: 2004-05-04

; NUMBER OF SEQ ID NOS: 107

; SOFTWARE: PatentIn version 3.3

; SEQ ID NO 71

; LENGTH: 164527

; TYPE: DNA

; ORGANISM: Homo sapiens

US-11-121-086-71

Query Match

Best Local Similarity 65.0%; Score 13; DB 12; Length 164527;

Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 8 CCCAACACTACTC 20

Db 162586 CCCAACACTACTC 162574

RESULT 104

US-11-121-086-91/c

; Sequence 91, Application US/11121086

; Publication No. US20050266459A1

; GENERAL INFORMATION:

; APPLICANT: POULSEN, TIM S.

; APPLICANT: NIELSEN, KIRSTEN V.

; TITLE OF INVENTION: NUCLEIC ACID PROBES AND NUCLEIC ACID ANALOG PROBES

; FILE REFERENCE: 09138.6000-00000

; CURRENT APPLICATION NUMBER: US/11/121,086

; CURRENT FILING DATE: 2005-05-04

; PRIOR APPLICATION NUMBER: 60/567,570

; PRIOR FILING DATE: 2004-05-04

; NUMBER OF SEQ ID NOS: 107

; SOFTWARE: PatentIn version 3.3

; SEQ ID NO 91

; LENGTH: 164527

; TYPE: DNA

; ORGANISM: Homo sapiens

US-11-121-086-91

; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 91
; LENGTH: 179597
; TYPE: DNA
; ORGANISM: Homo sapiens
US-11-121-086-91

Query Match 65.0%; Score 13; DB 12; Length 179597;
Best Local Similarity 100.0%; Pred. No. 72;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 6 GACCAACACTACT 18
| | | | | | | | | |
Db 155076 GACCAACACTACT 155064

RESULT 105

US-11-121-086-70/c

; Sequence 70, Application US/11121086
; Publication No. US20050266459A1
; GENERAL INFORMATION:
; APPLICANT: POULSEN, TIM S.
; APPLICANT: NIELSEN, KIRSTEN V.
; TITLE OF INVENTION: NUCLEIC ACID PROBES AND NUCLEIC ACID ANALOG PROBES
; FILE REFERENCE: 09138.6000-00000
; CURRENT APPLICATION NUMBER: US/11/121,086
; CURRENT FILING DATE: 2005-05-04
; PRIOR APPLICATION NUMBER: 60/567,570
; PRIOR FILING DATE: 2004-05-04
; NUMBER OF SEQ ID NOS: 107
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 70
; LENGTH: 180574
; TYPE: DNA
; ORGANISM: Homo sapiens
US-11-121-086-70

Query Match 65.0%; Score 13; DB 12; Length 180574;
Best Local Similarity 100.0%; Pred. No. 72;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 8 CCCAACACTACTC 20
| | | | | | | | | |
Db 126 CCCAACACTACTC 114

RESULT 106

US-10-995-561-13286
; Sequence 13286, Application US/10995561
; Publication No. US20050272054A1
; GENERAL INFORMATION:
; APPLICANT: CARGILL, Michele et al.
; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
; TITLE OF INVENTION: CARDIOVASCULAR DISORDERS AND DRUG RESPONSE, METHODS OF
; TITLE OF INVENTION: DETECTION AND USES THEREOF
; FILE REFERENCE: CL001559
; CURRENT APPLICATION NUMBER: US/10/995,561
; CURRENT FILING DATE: 2004-11-24
; NUMBER OF SEQ ID NOS: 85702
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 13286
; LENGTH: 1125000
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)...(1125000)
; OTHER INFORMATION: n = A,T,C or G, or insertion/deletion polymorphism (see Tables 1-
US-10-995-561-13286

Query Match 65.0%; Score 13; DB 8; Length 1125000;
Best Local Similarity 100.0%; Pred. No. 62;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 7 ACCCAACACTACT 19
| | | | | | | | | |
Db 499479 ACCCAACACTACT 499491

RESULT 107

US-10-310-914A-1180662/c
; Sequence 1180662, Application US/10310914A
; Publication No. US20060003322A1
; GENERAL INFORMATION:
; APPLICANT: Bentwich, Isaac
; APPLICANT: Shiller, Kvuzat
; TITLE OF INVENTION: Bioinformatically detectable group of novel regulatory genes and
; FILE REFERENCE: 06087.0200.CPUS01
; CURRENT APPLICATION NUMBER: US/10/310,914A
; CURRENT FILING DATE: 2002-12-06
; NUMBER OF SEQ ID NOS: 1388402
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 1180662
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Human
US-10-310-914A-1180662

Query Match 60.0%; Score 12; DB 8; Length 19;
Best Local Similarity 100.0%; Pred. No. 5.7e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 6 GACCAACACTACT 17
| | | | | | | | | |
Db 14 GACCAACACTACT 3

RESULT 108

US-11-101-244-619103
; Sequence 619103, Application US/11101244
; Publication No. US20050246794A1
; GENERAL INFORMATION:
; APPLICANT: Dharmoon, Inc.
; APPLICANT: Khvorova, Anastasia
; APPLICANT: Reynolds, Angela
; APPLICANT: Leake, Devin
; APPLICANT: Marshall, William
; APPLICANT: Scaringe, Stephen
; TITLE OF INVENTION: Functional and Hyperfunctional siRNA
; FILE REFERENCE: 134990S
; CURRENT APPLICATION NUMBER: US/11/101,244
; CURRENT FILING DATE: 2005-04-07
; PRIOR APPLICATION NUMBER: 60/502,050
; PRIOR FILING DATE: 2003-09-10
; PRIOR APPLICATION NUMBER: 60/426,137
; PRIOR FILING DATE: 2002-11-14
; NUMBER OF SEQ ID NOS: 1591911
; SOFTWARE: Proprietary
; SEQ ID NO 619103
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Homo sapiens
US-11-101-244-619103

Query Match 60.0%; Score 12; DB 10; Length 19;
Best Local Similarity 91.7%; Pred. No. 5.7e+02;
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 6 GACCAACACTACT 17
| | | | | | | | | |
Db 2 GACCAACACTACT 13

RESULT 109

US-11-083-784-619103

; Sequence 619103, Application US/11083784
; Publication No. US20050245475A1
; GENERAL INFORMATION:
; APPLICANT: Dharmacon, Inc.
; APPLICANT: Khvorova, Anastasia
; APPLICANT: Reynolds, Angela
; APPLICANT: Leake, Devin
; APPLICANT: Marshall, William
; APPLICANT: Scaringe, Stephen
; TITLE OF INVENTION: Functional and Hyperfunctional siRNA
; FILE REFERENCE: 13499US
; CURRENT APPLICATION NUMBER: US/11/083,784
; PRIOR FILING DATE: 2005-03-18
; PRIOR APPLICATION NUMBER: US/10/714,333
; PRIOR FILING DATE: 2003-11-14
; PRIOR APPLICATION NUMBER: 60/502,050
; PRIOR FILING DATE: 2003-09-10
; PRIOR APPLICATION NUMBER: 60/426,137
; PRIOR FILING DATE: 2002-11-14
; NUMBER OF SEQ ID NOS: 1591911
; SOFTWARE: Proprietary
; SEQ ID NO 619103
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Homo sapiens
US-11-083-784-619103

Query Match 60.0%; Score 12; DB 11; Length 19;
Best Local Similarity 91.7%; Pred. No. 5.7e+02;
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 6 GACCCAACTACTC 17
DB 2 GACCCAACTACTC 13

RESULT 110

US-10-310-914A-436630/c
; Sequence 436630, Application US/10310914A
; Publication No. US20060003322A1
; GENERAL INFORMATION:
; APPLICANT: Bentwich, Isaac
; APPLICANT: Shiller, Kvuza
; TITLE OF INVENTION: Bioinformatically detectable group of novel regulatory genes and
; FILE REFERENCE: 06087.0200.CPUS01
; CURRENT APPLICATION NUMBER: US/10/310,914A
; CURRENT FILING DATE: 2002-12-06
; NUMBER OF SEQ ID NOS: 1388402
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 436630
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Human
US-10-310-914A-436630

Query Match 60.0%; Score 12; DB 8; Length 21;
Best Local Similarity 100.0%; Pred. No. 5.7e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 9 CCAACACTACTC 20
DB 21 CCAACACTACTC 10

RESULT 111

US-10-310-914A-740168/c
; Sequence 740168, Application US/10310914A
; Publication No. US20060003322A1
; GENERAL INFORMATION:
; APPLICANT: Bentwich, Isaac
; APPLICANT: Shiller, Kvuza
; TITLE OF INVENTION: Bioinformatically detectable group of novel regulatory genes and

; TITLE OF INVENTION: uses thereof
; FILE REFERENCE: 06087.0200.CPUS01
; CURRENT APPLICATION NUMBER: US/10/310,914A
; CURRENT FILING DATE: 2002-12-06
; NUMBER OF SEQ ID NOS: 1388402
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 740168
; LENGTH: 25
; TYPE: RNA
; ORGANISM: Human
US-10-310-914A-740168

Query Match 60.0%; Score 12; DB 8; Length 25;
Best Local Similarity 100.0%; Pred. No. 5.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 6 GACCCAACTACTC 17
DB 16 GACCCAACTACTC 5

RESULT 112

US-11-136-527-82371/c
; Sequence 82371, Application US/11136527
; Publication No. US20050287570A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William M
; TITLE OF INVENTION: Probe Arrays For Expression Profiling of Rat Genes
; FILE REFERENCE: 031896-041000 (AM101086)
; CURRENT APPLICATION NUMBER: US/11/136,527
; CURRENT FILING DATE: 2005-05-25
; PRIOR APPLICATION NUMBER: US 60/574,294
; PRIOR FILING DATE: 2005-05-26
; NUMBER OF SEQ ID NOS: 362830
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 82371
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Probe
US-11-136-527-82371

Query Match 60.0%; Score 12; DB 12; Length 25;
Best Local Similarity 100.0%; Pred. No. 5.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 9 CCAACACTACTC 20
DB 16 CCAACACTACTC 5

RESULT 113

US-11-136-527-82378/c
; Sequence 82378, Application US/11136527
; Publication No. US20050287570A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William M
; TITLE OF INVENTION: Probe Arrays For Expression Profiling of Rat Genes
; FILE REFERENCE: 031896-041000 (AM101086)
; CURRENT APPLICATION NUMBER: US/11/136,527
; CURRENT FILING DATE: 2005-05-25
; PRIOR APPLICATION NUMBER: US 60/574,294
; PRIOR FILING DATE: 2005-05-26
; NUMBER OF SEQ ID NOS: 362830
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 82378
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:

; OTHER INFORMATION: Probe
US-11-136-527-82378

Query Match 60.0%; Score 12; DB 12; Length 25;
Best Local Similarity 100.0%; Pred. No. 5.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 9 CCAACACTACTC 20
|||||
Db 12 CCAACACTACTC 1

RESULT 114

US-11-136-527-82379/c
; Sequence 82379, Application US/11136527
; Publication No. US20050287570A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William M
; TITLE OF INVENTION: Probe Arrays For Expression Profiling of Rat Genes
; FILE REFERENCE: 031896-041000 (AM101086)
; CURRENT APPLICATION NUMBER: US/11/136,527
; CURRENT FILING DATE: 2005-05-25
; PRIOR APPLICATION NUMBER: US 60/574,294
; PRIOR FILING DATE: 2005-05-26
; NUMBER OF SEQ ID NOS: 362830
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 82379
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Probe
US-11-136-527-82379

Query Match 60.0%; Score 12; DB 12; Length 25;
Best Local Similarity 100.0%; Pred. No. 5.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 9 CCAACACTACTC 20
|||||
Db 14 CCAACACTACTC 3

RESULT 115

US-11-136-527-82380/c
; Sequence 82380, Application US/11136527
; Publication No. US20050287570A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William M
; TITLE OF INVENTION: Probe Arrays For Expression Profiling of Rat Genes
; FILE REFERENCE: 031896-041000 (AM101086)
; CURRENT APPLICATION NUMBER: US/11/136,527
; CURRENT FILING DATE: 2005-05-25
; PRIOR APPLICATION NUMBER: US 60/574,294
; PRIOR FILING DATE: 2005-05-26
; NUMBER OF SEQ ID NOS: 362830
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 82380
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Probe
US-11-136-527-82380

Query Match 60.0%; Score 12; DB 12; Length 25;
Best Local Similarity 100.0%; Pred. No. 5.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 9 CCAACACTACTC 20
|||||

Db 15 CCAACACTACTC 4

RESULT 116

US-11-136-527-82384/c
; Sequence 82384, Application US/11136527
; Publication No. US20050287570A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William M
; TITLE OF INVENTION: Probe Arrays For Expression Profiling of Rat Genes
; FILE REFERENCE: 031896-041000 (AM101086)
; CURRENT APPLICATION NUMBER: US/11/136,527
; CURRENT FILING DATE: 2005-05-25
; PRIOR APPLICATION NUMBER: US 60/574,294
; PRIOR FILING DATE: 2005-05-26
; NUMBER OF SEQ ID NOS: 362830
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 82384
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Probe
US-11-136-527-82384

Query Match 60.0%; Score 12; DB 12; Length 25;
Best Local Similarity 100.0%; Pred. No. 5.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 9 CCAACACTACTC 20
|||||
Db 13 CCAACACTACTC 2

RESULT 117

US-11-136-527-82387/c
; Sequence 82387, Application US/11136527
; Publication No. US20050287570A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William M
; TITLE OF INVENTION: Probe Arrays For Expression Profiling of Rat Genes
; FILE REFERENCE: 031896-041000 (AM101086)
; CURRENT APPLICATION NUMBER: US/11/136,527
; CURRENT FILING DATE: 2005-05-25
; PRIOR APPLICATION NUMBER: US 60/574,294
; PRIOR FILING DATE: 2005-05-26
; NUMBER OF SEQ ID NOS: 362830
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 82387
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Probe
US-11-136-527-82387

Query Match 60.0%; Score 12; DB 12; Length 25;
Best Local Similarity 100.0%; Pred. No. 5.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 9 CCAACACTACTC 20
|||||
Db 17 CCAACACTACTC 6

RESULT 118

US-11-136-527-87957/c
; Sequence 87957, Application US/11136527
; Publication No. US20050287570A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth

```
; APPLICANT: Mounts, William M
; TITLE OF INVENTION: Probe Arrays For Expression Profiling of Rat Genes
; FILE REFERENCE: 031896-041000 (AM101086)
; CURRENT APPLICATION NUMBER: US/11/136,527
; CURRENT FILING DATE: 2005-05-25
; PRIOR APPLICATION NUMBER: US 60/574,294
; PRIOR FILING DATE: 2005-05-26
; NUMBER OF SEQ ID NOS: 362830
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 87957
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Probe
US-11-136-527-87957

Query Match          60.0%; Score 12; DB 12; Length 25;
Best Local Similarity 100.0%; Pred. No. 5.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 9 CCAACACTACTC 20
Db 20 CCAACACTACTC 9

RESULT 119
US-11-136-527-87959/c
; Sequence 87959, Application US/11136527
; Publication No. US20050287570A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William M
; TITLE OF INVENTION: Probe Arrays For Expression Profiling of Rat Genes
; FILE REFERENCE: 031896-041000 (AM101086)
; CURRENT APPLICATION NUMBER: US/11/136,527
; CURRENT FILING DATE: 2005-05-25
; PRIOR APPLICATION NUMBER: US 60/574,294
; PRIOR FILING DATE: 2005-05-26
; NUMBER OF SEQ ID NOS: 362830
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 87959
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Probe
US-11-136-527-87959

Query Match          60.0%; Score 12; DB 12; Length 25;
Best Local Similarity 100.0%; Pred. No. 5.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 9 CCAACACTACTC 20
Db 17 CCAACACTACTC 6

RESULT 120
US-11-136-527-87972/c
; Sequence 87972, Application US/11136527
; Publication No. US20050287570A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William M
; TITLE OF INVENTION: Probe Arrays For Expression Profiling of Rat Genes
; FILE REFERENCE: 031896-041000 (AM101086)
; CURRENT APPLICATION NUMBER: US/11/136,527
; CURRENT FILING DATE: 2005-05-25
; PRIOR APPLICATION NUMBER: US 60/574,294
; PRIOR FILING DATE: 2005-05-26
; NUMBER OF SEQ ID NOS: 362830
; SOFTWARE: PatentIn version 3.2
```

```
; SEQ ID NO 87972
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Probe
US-11-136-527-87972

Query Match          60.0%; Score 12; DB 12; Length 25;
Best Local Similarity 100.0%; Pred. No. 5.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 9 CCAACACTACTC 20
Db 16 CCAACACTACTC 5

RESULT 121
US-11-136-527-282344/c
; Sequence 282344, Application US/11136527
; Publication No. US20050287570A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William M
; TITLE OF INVENTION: Probe Arrays For Expression Profiling of Rat Genes
; FILE REFERENCE: 031896-041000 (AM101086)
; CURRENT APPLICATION NUMBER: US/11/136,527
; CURRENT FILING DATE: 2005-05-25
; PRIOR APPLICATION NUMBER: US 60/574,294
; PRIOR FILING DATE: 2005-05-26
; NUMBER OF SEQ ID NOS: 362830
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 282344
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Probe
US-11-136-527-282344

Query Match          60.0%; Score 12; DB 12; Length 25;
Best Local Similarity 100.0%; Pred. No. 5.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 9 CCAACACTACTC 20
Db 17 CCAACACTACTC 6

RESULT 122
US-11-175-859-45794/c
; Sequence 45794, Application US/11175859
; Publication No. US20060024715A1
; GENERAL INFORMATION:
; APPLICANT: Affymetrix, Inc.
; APPLICANT: Liu, Guoying et al.
; TITLE OF INVENTION: Method of Analysis of Human Polymorphism
; FILE REFERENCE: 3690.1
; CURRENT APPLICATION NUMBER: US/11/175,859
; CURRENT FILING DATE: 2005-07-05
; PRIOR APPLICATION NUMBER: US 60/585,352
; PRIOR FILING DATE: 2004-07-02
; NUMBER OF SEQ ID NOS: 116251
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 45794
; LENGTH: 50
; TYPE: DNA
; ORGANISM: homo sapien
US-11-175-859-45794

Query Match          60.0%; Score 12; DB 12; Length 50;
Best Local Similarity 100.0%; Pred. No. 5.3e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 7 ACCCAACTACTAC 18
    |||||
Db 19 ACCCAACTACTAC 8

RESULT 123
US-11-175-859-47851/c
; Sequence 47851, Application US/11175859
; Publication No. US20060024715A1
; GENERAL INFORMATION:
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Method of Analysis of Human Polymorphism
; FILE REFERENCE: 3690.1
; CURRENT APPLICATION NUMBER: US/11/175,859
; CURRENT FILING DATE: 2005-07-05
; PRIOR APPLICATION NUMBER: US 60/585,352
; PRIOR FILING DATE: 2004-07-02
; NUMBER OF SEQ ID NOS: 116251
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 47851
; LENGTH: 50
; TYPE: DNA
; ORGANISM: homo sapien
US-11-175-859-47851

Query Match 60.0%; Score 12; DB 12; Length 50;
Best Local Similarity 100.0%; Pred. No. 5.3e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 9 CCAACTACTACTC 20
    |||||
Db 50 CCAACTACTACTC 39

RESULT 124
US-11-175-859-59571
; Sequence 59571, Application US/11175859
; Publication No. US20060024715A1
; GENERAL INFORMATION:
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Method of Analysis of Human Polymorphism
; FILE REFERENCE: 3690.1
; CURRENT APPLICATION NUMBER: US/11/175,859
; CURRENT FILING DATE: 2005-07-05
; PRIOR APPLICATION NUMBER: US 60/585,352
; PRIOR FILING DATE: 2004-07-02
; NUMBER OF SEQ ID NOS: 116251
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 59571
; LENGTH: 50
; TYPE: DNA
; ORGANISM: homo sapien
US-11-175-859-59571

Query Match 60.0%; Score 12; DB 12; Length 50;
Best Local Similarity 100.0%; Pred. No. 5.3e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 9 CCAACTACTACTC 20
    |||||
Db 1 CCAACTACTACTC 12

RESULT 125
US-10-995-561-36601/c
; Sequence 36601, Application US/10995561
; Publication No. US20050272054A1
; GENERAL INFORMATION:
; APPLICANT: CARGILL, Michele et al.
; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
```

```
; TITLE OF INVENTION: CARDIOVASCULAR DISORDERS AND DRUG RESPONSE, METHODS OF
; FILE REFERENCE: CL001559
; CURRENT APPLICATION NUMBER: US/10/995,561
; CURRENT FILING DATE: 2004-11-24
; NUMBER OF SEQ ID NOS: 85702
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 36601
; LENGTH: 201
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-995-561-36601

Query Match 60.0%; Score 12; DB 8; Length 201;
Best Local Similarity 100.0%; Pred. No. 4.8e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 9 CCAACTACTACTC 20
    |||||
Db 176 CCAACTACTACTC 165

RESULT 126
US-10-995-561-36766/c
; Sequence 36766, Application US/10995561
; Publication No. US20050272054A1
; GENERAL INFORMATION:
; APPLICANT: CARGILL, Michele et al.
; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
; TITLE OF INVENTION: CARDIOVASCULAR DISORDERS AND DRUG RESPONSE, METHODS OF
; FILE REFERENCE: CL001559
; CURRENT APPLICATION NUMBER: US/10/995,561
; CURRENT FILING DATE: 2004-11-24
; NUMBER OF SEQ ID NOS: 85702
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 36766
; LENGTH: 201
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-995-561-36766

Query Match 60.0%; Score 12; DB 8; Length 201;
Best Local Similarity 100.0%; Pred. No. 4.8e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 9 CCAACTACTACTC 20
    |||||
Db 192 CCAACTACTACTC 181

RESULT 127
US-11-124-368A-14586
; Sequence 14586, Application US/11124368A
; Publication No. US20050287559A1
; GENERAL INFORMATION:
; APPLICANT: Michele Cargill
; APPLICANT: James J. Devlin
; APPLICANT: May Luke
; TITLE OF INVENTION: Genetic Polymorphisms Associated with
; TITLE OF INVENTION: Vascular Diseases, Methods of Detection and Uses Thereof
; FILE REFERENCE: CL001524
; CURRENT APPLICATION NUMBER: US/11/124,368A
; CURRENT FILING DATE: 2005-05-09
; PRIOR APPLICATION NUMBER: US 60/568,845
; PRIOR FILING DATE: 2004-05-07
; PRIOR APPLICATION NUMBER: US 60/625,936
; PRIOR FILING DATE: 2004-11-09
; NUMBER OF SEQ ID NOS: 21112
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 14586
; LENGTH: 201
; TYPE: DNA
```

```

; ORGANISM: Homo sapiens
US-11-124-368A-14586

Query Match      60.0%; Score 12; DB 12; Length 201;
Best Local Similarity 100.0%; Pred. No. 4.8e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      6 GACCCACACTA 17
DB      179 GACCCACACTA 190

RESULT 128
US-11-124-367A-11401/c
; Sequence 11401, Application US/11124367A
; Publication No. US20060024700A1
; GENERAL INFORMATION:
; APPLICANT: Michele Cargill
; APPLICANT: Hongjin Huang
; TITLE OF INVENTION: Genetic Polymorphisms Associated with
; TITLE OF INVENTION: Fibrosis Methods of Detection and Uses Thereof
; FILE REFERENCE: CL001519.ORD
; CURRENT APPLICATION NUMBER: US/11/124,367A
; CURRENT FILING DATE: 2005-05-09
; PRIOR APPLICATION NUMBER: US 60/568,846
; PRIOR FILING DATE: 2004-05-07
; PRIOR APPLICATION NUMBER: US 60/582,609
; PRIOR FILING DATE: 2004-06-25
; PRIOR APPLICATION NUMBER: US 60/599,554
; PRIOR FILING DATE: 2004-08-09
; NUMBER OF SEQ ID NOS: 34460
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 11401
; LENGTH: 201
; TYPE: DNA
; ORGANISM: Homo sapiens
US-11-124-367A-11401

Query Match      60.0%; Score 12; DB 12; Length 201;
Best Local Similarity 100.0%; Pred. No. 4.8e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      7 ACCCAACTAC 18
DB      30 ACCCAACTAC 19

RESULT 129
US-11-124-367A-25876
; Sequence 25876, Application US/11124367A
; Publication No. US20060024700A1
; GENERAL INFORMATION:
; APPLICANT: Michele Cargill
; APPLICANT: Hongjin Huang
; TITLE OF INVENTION: Genetic Polymorphisms Associated with
; TITLE OF INVENTION: Fibrosis Methods of Detection and Uses Thereof
; FILE REFERENCE: CL001519.ORD
; CURRENT APPLICATION NUMBER: US/11/124,367A
; CURRENT FILING DATE: 2005-05-09
; PRIOR APPLICATION NUMBER: US 60/568,846
; PRIOR FILING DATE: 2004-05-07
; PRIOR APPLICATION NUMBER: US 60/582,609
; PRIOR FILING DATE: 2004-06-25
; PRIOR APPLICATION NUMBER: US 60/599,554
; PRIOR FILING DATE: 2004-08-09
; NUMBER OF SEQ ID NOS: 34460
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 25876
; LENGTH: 201
; TYPE: DNA
; ORGANISM: Homo sapiens
US-11-124-367A-25876

; ORGANISM: Homo sapiens
US-11-124-368A-14586

Query Match      60.0%; Score 12; DB 12; Length 201;
Best Local Similarity 100.0%; Pred. No. 4.8e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      8 CCCAACACTACT 19
DB      126 CCCAACACTACT 137

RESULT 130
US-11-124-367A-26118
; Sequence 26118, Application US/11124367A
; Publication No. US20060024700A1
; GENERAL INFORMATION:
; APPLICANT: Michele Cargill
; APPLICANT: Hongjin Huang
; TITLE OF INVENTION: Genetic Polymorphisms Associated with
; TITLE OF INVENTION: Fibrosis Methods of Detection and Uses Thereof
; FILE REFERENCE: CL001519.ORD
; CURRENT APPLICATION NUMBER: US/11/124,367A
; CURRENT FILING DATE: 2005-05-09
; PRIOR APPLICATION NUMBER: US 60/568,846
; PRIOR FILING DATE: 2004-05-07
; PRIOR APPLICATION NUMBER: US 60/582,609
; PRIOR FILING DATE: 2004-06-25
; PRIOR APPLICATION NUMBER: US 60/599,554
; PRIOR FILING DATE: 2004-08-09
; NUMBER OF SEQ ID NOS: 34460
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 26118
; LENGTH: 201
; TYPE: DNA
; ORGANISM: Homo sapiens
US-11-124-367A-26118

Query Match      60.0%; Score 12; DB 12; Length 201;
Best Local Similarity 100.0%; Pred. No. 4.8e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      8 CCCAACACTACT 19
DB      147 CCCAACACTACT 158

RESULT 131
US-09-925-065A-141536
; Sequence 141536, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; TITLE OF INVENTION: Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 141536
; LENGTH: 388
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-141536
```

Query Match 60.0%; Score 12; DB 6; Length 388;
Best Local Similarity 100.0%; Pred. No. 4.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 9 CCAACACTACTC 20
| | | | | | | | | |
Db 3 CCAACACTACTC 14

RESULT 132

US-09-925-065A-141535
; Sequence 141535, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 10827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 141535
; LENGTH: 416
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-141535

Query Match 60.0%; Score 12; DB 6; Length 416;
Best Local Similarity 100.0%; Pred. No. 4.5e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 9 CCAACACTACTC 20
| | | | | | | | | |
Db 28 CCAACACTACTC 39

RESULT 133

US-09-925-065A-210126
; Sequence 210126, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 10827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 210126
; LENGTH: 428
; TYPE: DNA

; ORGANISM: Homo sapiens
US-09-925-065A-210126

Query Match 60.0%; Score 12; DB 6; Length 428;
Best Local Similarity 100.0%; Pred. No. 4.5e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 9 CCAACACTACTC 20
| | | | | | | | | |
Db 28 CCAACACTACTC 39

RESULT 134

US-09-925-065A-166441
; Sequence 166441, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 10827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 166441
; LENGTH: 433
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-166441

Query Match 60.0%; Score 12; DB 6; Length 433;
Best Local Similarity 100.0%; Pred. No. 4.5e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 6 GACCCAACTACTA 17
| | | | | | | | | |
Db 132 GACCCAACTACTA 143

RESULT 135

US-09-925-065A-263814
; Sequence 263814, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 10827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0


```
; SEQ ID NO 263814
; LENGTH: 446
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-263814

Query Match          60.0%; Score 12; DB 6; Length 446;
Best Local Similarity 100.0%; Pred. No. 4.5e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 ACCCAACACTAC 18
Db 224 ACCCAACACTAC 235

RESULT 136
US-09-925-065A-598613/c
; Sequence 598613, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE OF INVENTION: Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 598613
; LENGTH: 447
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-598613

Query Match          60.0%; Score 12; DB 6; Length 447;
Best Local Similarity 100.0%; Pred. No. 4.5e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 6 GACCCACACTA 17
Db 355 GACCCACACTA 344

RESULT 137
US-09-925-065A-598614/c
; Sequence 598614, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE OF INVENTION: Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
```

```
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 598614
; LENGTH: 447
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-598614

Query Match          60.0%; Score 12; DB 6; Length 447;
Best Local Similarity 100.0%; Pred. No. 4.5e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 6 GACCCACACTA 17
Db 355 GACCCACACTA 344

RESULT 138
US-09-925-065A-598615/c
; Sequence 598615, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE OF INVENTION: Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 598615
; LENGTH: 447
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-598615

Query Match          60.0%; Score 12; DB 6; Length 447;
Best Local Similarity 100.0%; Pred. No. 4.5e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 6 GACCCACACTA 17
Db 355 GACCCACACTA 344

RESULT 139
US-09-925-065A-598616/c
; Sequence 598616, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE OF INVENTION: Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
```

; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 598616
; LENGTH: 447
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-598616

Query Match 60.0%; Score 12; DB 6; Length 447;
Best Local Similarity 100.0%; Pred. No. 4.5e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 6 GACCCACACTA 17
Db 355 GACCCACACTA 344
|||||

RESULT 140

US-09-925-065A-108495
; Sequence 108495, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 108495
; LENGTH: 492
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-108495

Query Match 60.0%; Score 12; DB 6; Length 492;
Best Local Similarity 100.0%; Pred. No. 4.5e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 8 CCCAACACTACT 19
Db 123 CCCAACACTACT 134
|||||

RESULT 141

US-09-925-065A-264226
; Sequence 264226, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; PRIOR APPLICATION NUMBER: 2001-08-08
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147

; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 264226
; LENGTH: 501
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-264226

Query Match 60.0%; Score 12; DB 6; Length 501;
Best Local Similarity 100.0%; Pred. No. 4.5e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 8 CCCAACACTACT 19
Db 103 CCCAACACTACT 114
|||||

RESULT 142

US-09-925-065A-256352
; Sequence 256352, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 256352
; LENGTH: 510
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-256352

Query Match 60.0%; Score 12; DB 6; Length 510;
Best Local Similarity 100.0%; Pred. No. 4.5e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 9 CCAACACTACTC 20
Db 236 CCAACACTACTC 247
|||||

RESULT 143

US-09-925-065A-544434/c
; Sequence 544434, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08

```
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 544434
; LENGTH: 512
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-544434
```

```
Query Match 60.0%; Score 12; DB 6; Length 512;
Best Local Similarity 100.0%; Pred. No. 4.5e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 8 CCCAACACTACT 19
   |||||
Db 184 CCCAACACTACT 173
```

```
RESULT 144
US-09-925-065A-544435/c
; Sequence 544435, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE OF INVENTION: Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 544435
; LENGTH: 512
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-544435
```

```
Query Match 60.0%; Score 12; DB 6; Length 512;
Best Local Similarity 100.0%; Pred. No. 4.5e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 8 CCCAACACTACT 19
   |||||
Db 184 CCCAACACTACT 173
```

```
RESULT 145
US-09-925-065A-590600
; Sequence 590600, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE OF INVENTION: Nucleotide Polymorphisms in the Human Genome
```

```
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 590600
; LENGTH: 514
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-590600
```

```
Query Match 60.0%; Score 12; DB 6; Length 514;
Best Local Similarity 100.0%; Pred. No. 4.5e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 6 GACCCAACTACT 17
   |||||
Db 197 GACCCAACTACT 208
```

```
RESULT 146
US-09-925-065A-590601
; Sequence 590601, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE OF INVENTION: Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 590601
; LENGTH: 514
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-590601
```

```
Query Match 60.0%; Score 12; DB 6; Length 514;
Best Local Similarity 100.0%; Pred. No. 4.5e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 6 GACCCAACTACT 17
   |||||
Db 197 GACCCAACTACT 208
```

```
RESULT 147
US-09-925-065A-345552
; Sequence 345552, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
```

```
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 345552
; LENGTH: 515
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-345552
```

```
Query Match 60.0%; Score 12; DB 6; Length 515;
Best Local Similarity 100.0%; Pred. No. 4.5e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 6 GACCCAACTACT 17
Db 197 GACCCAACTACT 208
```

RESULT 148

```
US-09-925-065A-546663/c
; Sequence 546663, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 546663
; LENGTH: 515
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-546663
```

```
Query Match 60.0%; Score 12; DB 6; Length 515;
Best Local Similarity 100.0%; Pred. No. 4.5e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 8 CCCAACTACT 19
Db 511 CCCAACTACT 500
```

RESULT 149

```
US-09-925-065A-587882
```

```
; Sequence 587882, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 587882
; LENGTH: 527
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-587882
```

```
Query Match 60.0%; Score 12; DB 6; Length 527;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 6 GACCCAACTACT 17
Db 13 GACCCAACTACT 24
```

RESULT 150

```
US-09-925-065A-587883
; Sequence 587883, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 587883
; LENGTH: 527
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-587883
```

```
Query Match 60.0%; Score 12; DB 6; Length 527;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 6 GACCCAACTACT 17
Db 13 GACCCAACTACT 24
```

RESULT 151
US-09-925-065A-920517/c
; Sequence 920517, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 920517
; LENGTH: 530
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-920517

Query Match 60.0%; Score 12; DB 6; Length 530;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 6 GACCCCAACACTA 17
|||||
DB 404 GACCCCAACACTA 393

RESULT 152
US-09-925-065A-310095/c
; Sequence 310095, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 310095
; LENGTH: 532
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-310095

Query Match 60.0%; Score 12; DB 6; Length 532;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 8 CCCCAACTACT 19

DB 117 CCCCAACTACT 106
|||||
RESULT 153
US-09-925-065A-576272
; Sequence 576272, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 576272
; LENGTH: 533
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-576272

Query Match 60.0%; Score 12; DB 6; Length 533;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 6 GACCCCAACACTA 17
|||||
DB 19 GACCCCAACACTA 30

RESULT 154
US-09-925-065A-576273
; Sequence 576273, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 576273
; LENGTH: 533
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-576273

Query Match 60.0%; Score 12; DB 6; Length 533;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;

Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 6 GACCCAACTACTA 17
|||||
Db 19 GACCCAACTACTA 30

RESULT 155

US-09-925-065A-576274
; Sequence 576274, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 576274
; LENGTH: 533
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-576274

Query Match 60.0%; Score 12; DB 6; Length 533;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 6 GACCCAACTACTA 17
|||||
Db 19 GACCCAACTACTA 30

RESULT 156

US-09-925-065A-344620
; Sequence 344620, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 344620
; LENGTH: 541
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-344620

Query Match 60.0%; Score 12; DB 6; Length 541;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 9 CCAACACTACTC 20
|||||
Db 382 CCAACACTACTC 393

RESULT 157

US-09-925-065A-109961
; Sequence 109961, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 109961
; LENGTH: 545
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-109961

Query Match 60.0%; Score 12; DB 6; Length 545;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 6 GACCCAACTACTA 17
|||||
Db 410 GACCCAACTACTA 421

RESULT 158

US-09-925-065A-109962
; Sequence 109962, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 109962
; LENGTH: 545

```
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-109962

Query Match      60.0%; Score 12; DB 6; Length 545;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      6 GACCCCAACTA 17
Db      410 GACCCCAACTA 421

RESULT 159
US-09-925-065A-109963
; Sequence 109963, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 109963
; LENGTH: 545
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-109963

Query Match      60.0%; Score 12; DB 6; Length 545;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      6 GACCCCAACTA 17
Db      410 GACCCCAACTA 421

RESULT 160
US-09-925-065A-327700
; Sequence 327700, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086

; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 327700
; LENGTH: 548
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-327700

Query Match      60.0%; Score 12; DB 6; Length 548;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      8 CCCAACACTACT 19
Db      474 CCCAACACTACT 485

RESULT 161
US-09-925-065A-23198
; Sequence 23198, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 23198
; LENGTH: 550
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-23198

Query Match      60.0%; Score 12; DB 6; Length 550;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      8 CCCAACACTACT 19
Db      498 CCCAACACTACT 509

RESULT 162
US-09-925-065A-238720/c
; Sequence 238720, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
```

; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 238720
; LENGTH: 555
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-238720

Query Match 60.0%; Score 12; DB 6; Length 555;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 9 CCAACACTACTC 20
|||||
Db 550 CCAACACTACTC 539

RESULT 163

US-09-925-065A-427406
; Sequence 427406, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 427406
; LENGTH: 555
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-427406

Query Match 60.0%; Score 12; DB 6; Length 555;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 9 CCAACACTACTC 20
|||||
Db 43 CCAACACTACTC 54

RESULT 164

US-09-925-065A-427407
; Sequence 427407, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092

; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 427407
; LENGTH: 555
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-427407

Query Match 60.0%; Score 12; DB 6; Length 555;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 9 CCAACACTACTC 20
|||||
Db 43 CCAACACTACTC 54

RESULT 165

US-09-925-065A-427408
; Sequence 427408, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 427408
; LENGTH: 555
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-427408

Query Match 60.0%; Score 12; DB 6; Length 555;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 9 CCAACACTACTC 20
|||||
Db 43 CCAACACTACTC 54

RESULT 166

US-09-925-065A-270440/C
; Sequence 270440, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092


```
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 270440
; LENGTH: 556
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-270440
```

```
Query Match 60.0%; Score 12; DB 6; Length 556;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 7 ACCCAACTACT 18
Db 387 ACCCAACTACT 376
```

RESULT 167

```
US-09-925-065A-83260/c
; Sequence 83260, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; TITLE OF INVENTION: Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 83260
; LENGTH: 560
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-83260
```

```
Query Match 60.0%; Score 12; DB 6; Length 560;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 8 CCCAACTACT 19
Db 37 CCCAACTACT 26
```

RESULT 168

```
US-09-925-065A-264126/c
; Sequence 264126, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; TITLE OF INVENTION: Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
```

```
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 264126
; LENGTH: 566
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-264126
```

```
Query Match 60.0%; Score 12; DB 6; Length 566;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 4 GCGACCCCAACAC 15
Db 338 GCGACCCCAACAC 327
```

RESULT 169

```
US-09-925-065A-264127/c
; Sequence 264127, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; TITLE OF INVENTION: Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 264127
; LENGTH: 566
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-264127
```

```
Query Match 60.0%; Score 12; DB 6; Length 566;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 4 GCGACCCCAACAC 15
Db 338 GCGACCCCAACAC 327
```

RESULT 170

```
US-09-925-065A-210066
; Sequence 210066, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
```

```
; TITLE OF INVENTION: Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 210066
; LENGTH: 567
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-210066
```

```
Query Match 60.0%; Score 12; DB 6; Length 567;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 6 GACCCACACTA 17
|||||
Db 544 GACCCACACTA 555
```

RESULT 171

```
US-09-925-065A-210067
; Sequence 210067, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
```

```
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 210067
; LENGTH: 567
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-210067
```

```
Query Match 60.0%; Score 12; DB 6; Length 567;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 6 GACCCACACTA 17
|||||
Db 544 GACCCACACTA 555
```

RESULT 172

```
US-09-925-065A-658264
; Sequence 658264, Application US/09925065A
; Publication No. US20040181048A1
```

```
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 658264
; LENGTH: 568
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-658264
```

```
Query Match 60.0%; Score 12; DB 6; Length 568;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 4 GCGACCCCAACAC 15
|||||
Db 309 GCGACCCCAACAC 320
```

RESULT 173

```
US-09-925-065A-658265
; Sequence 658265, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 658265
; LENGTH: 568
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-658265
```

```
Query Match 60.0%; Score 12; DB 6; Length 568;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 4 GCGACCCCAACAC 15
|||||
Db 309 GCGACCCCAACAC 320
```

RESULT 174

```
US-09-925-065A-88291
; Sequence 88291, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE OF INVENTION: Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 88291
; LENGTH: 569
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-88291
```

```
Query Match 60.0%; Score 12; DB 6; Length 569;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 9 CCAACACTACTC 20
Db 520 CCAACACTACTC 531
```

```
RESULT 175
US-09-925-065A-88292
; Sequence 88292, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE OF INVENTION: Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 88292
; LENGTH: 569
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-88292
```

```
Query Match 60.0%; Score 12; DB 6; Length 569;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 9 CCAACACTACTC 20
Db 520 CCAACACTACTC 531
```

```
RESULT 176
US-09-925-065A-88293
; Sequence 88293, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE OF INVENTION: Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 88293
; LENGTH: 569
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-88293
```

```
Query Match 60.0%; Score 12; DB 6; Length 569;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 9 CCAACACTACTC 20
Db 520 CCAACACTACTC 531
```

```
RESULT 177
US-09-925-065A-378051
; Sequence 378051, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE OF INVENTION: Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 378051
; LENGTH: 571
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-378051
```

```
Query Match 60.0%; Score 12; DB 6; Length 571;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

Qy 7 ACCCAACTACT 18
| | | | | | | | | |
Db 316 ACCCAACTACT 327

RESULT 178

US-09-925-065A-352028
; Sequence 352028, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR FILING DATE: 2000-10-24
; PRIOR FILING DATE: 2000-10-24
; PRIOR FILING DATE: 2000-11-20
; PRIOR FILING DATE: 2000-11-20
; PRIOR FILING DATE: 2000-11-30
; PRIOR FILING DATE: 2001-01-16
; PRIOR FILING DATE: 2001-01-16
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 352028
; LENGTH: 573
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-352028

Query Match 60.0%; Score 12; DB 6; Length 573;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 6 GACCAACTACT 17
| | | | | | | | | |
Db 373 GACCAACTACT 384

RESULT 179

US-09-925-065A-497495
; Sequence 497495, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR FILING DATE: 2000-10-24
; PRIOR FILING DATE: 2000-10-24
; PRIOR FILING DATE: 2000-11-20
; PRIOR FILING DATE: 2000-11-20
; PRIOR FILING DATE: 2000-11-30
; PRIOR FILING DATE: 2001-01-16
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 497495
; LENGTH: 574
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-497495

Query Match 60.0%; Score 12; DB 6; Length 574;

Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 9 CCAACTACTC 20
| | | | | | | | | |
Db 292 CCAACTACTC 303

RESULT 180

US-09-925-065A-304603/C
; Sequence 304603, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR FILING DATE: 2000-10-24
; PRIOR FILING DATE: 2000-10-24
; PRIOR FILING DATE: 2000-11-20
; PRIOR FILING DATE: 2000-11-20
; PRIOR FILING DATE: 2000-11-30
; PRIOR FILING DATE: 2001-01-16
; PRIOR FILING DATE: 2001-01-16
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 304603
; LENGTH: 576
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-304603

Query Match 60.0%; Score 12; DB 6; Length 576;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 8 CCAACTACT 19
| | | | | | | | | |
Db 254 CCAACTACT 243

RESULT 181

US-09-925-065A-411710
; Sequence 411710, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR FILING DATE: 2000-10-24
; PRIOR FILING DATE: 2000-10-24
; PRIOR FILING DATE: 2000-11-20
; PRIOR FILING DATE: 2000-11-20
; PRIOR FILING DATE: 2000-11-30
; PRIOR FILING DATE: 2001-01-16
; PRIOR FILING DATE: 2001-01-16
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 411710
; LENGTH: 576
; TYPE: DNA
; ORGANISM: Homo sapiens

```
US-09-925-065A-411710
Query Match          60.0%; Score 12; DB 6; Length 576;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      6 GACCCCAACACTA 17
      |||||
Db      158 GACCCCAACACTA 169

RESULT 182
US-09-925-065A-411711
; Sequence 335456, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE OF INVENTION: Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 411711
; LENGTH: 576
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-411711

Query Match          60.0%; Score 12; DB 6; Length 576;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      6 GACCCCAACACTA 17
      |||||
Db      158 GACCCCAACACTA 169

RESULT 183
US-09-925-065A-335456
; Sequence 335456, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE OF INVENTION: Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 335456

US-09-925-065A-411710
Query Match          60.0%; Score 12; DB 6; Length 576;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      6 GACCCCAACACTA 17
      |||||
Db      158 GACCCCAACACTA 169

RESULT 182
US-09-925-065A-411711
; Sequence 335456, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE OF INVENTION: Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 411711
; LENGTH: 576
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-411711

Query Match          60.0%; Score 12; DB 6; Length 576;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      6 GACCCCAACACTA 17
      |||||
Db      158 GACCCCAACACTA 169

RESULT 183
US-09-925-065A-335456
; Sequence 335456, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE OF INVENTION: Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 335456

US-09-925-065A-411710
Query Match          60.0%; Score 12; DB 6; Length 578;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      8 CCCAACACTACT 19
      |||||
Db      508 CCCAACACTACT 519

RESULT 184
US-09-925-065A-347654
; Sequence 347654, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE OF INVENTION: Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 347654
; LENGTH: 579
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-347654

Query Match          60.0%; Score 12; DB 6; Length 579;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      9 CCAACACTACTC 20
      |||||
Db      254 CCAACACTACTC 265

RESULT 185
US-09-925-065A-347655
; Sequence 347655, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE OF INVENTION: Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
```

```
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 347655
; LENGTH: 579
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-347655

Query Match          60.0%; Score 12; DB 6; Length 579;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 9 CCAACACTACTC 20
Db 254 CCAACACTACTC 265

RESULT 186
US-09-925-065A-783050/c
; Sequence 783050, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 783050
; LENGTH: 580
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-783050

Query Match          60.0%; Score 12; DB 6; Length 580;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 8 CCCAACACTACT 19
Db 501 CCCAACACTACT 490

RESULT 187
US-09-925-065A-746688
; Sequence 746688, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766

; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 746688
; LENGTH: 581
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-746688

Query Match          60.0%; Score 12; DB 6; Length 581;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 6 GACCCAACTACT 17
Db 342 GACCCAACTACT 353

RESULT 188
US-09-925-065A-400184
; Sequence 400184, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 400184
; LENGTH: 583
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-400184

Query Match          60.0%; Score 12; DB 6; Length 583;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 6 GACCCAACTACT 17
Db 383 GACCCAACTACT 394

RESULT 189
US-09-925-065A-400185
; Sequence 400185, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
```

```
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2000-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 400185
; LENGTH: 584
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-400185

Query Match          60.0%; Score 12; DB 6; Length 584;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      6 GACCCCAACACTA 17
      |||||
Db      383 GACCCCAACACTA 394

RESULT 190
US-09-925-065A-352027
; Sequence 352027, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 352027
; LENGTH: 584
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-352027

Query Match          60.0%; Score 12; DB 6; Length 584;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      6 GACCCCAACACTA 17
      |||||
Db      229 GACCCCAACACTA 240

RESULT 191
US-09-925-065A-352029
; Sequence 352029, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
```

```
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 352029
; LENGTH: 584
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-352029

Query Match          60.0%; Score 12; DB 6; Length 584;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      6 GACCCCAACACTA 17
      |||||
Db      229 GACCCCAACACTA 240

RESULT 193
US-09-925-065A-352031
; Sequence 352031, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
```

```
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 352031
; LENGTH: 584
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-352031

Query Match      60.0%; Score 12; DB 6; Length 584;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      6  GACCAACACTA 17
      |||||
Db      229 GACCAACACTA 240

RESULT 194
US-09-925-065A-753/c
; Sequence 753, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 753
; LENGTH: 587
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-753

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Best Local Similarity 100.0%; Pred. No. 4.4e+02;
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Db      439 CCCAACACTACT 428

RESULT 195
US-09-925-065A-754/c
; Sequence 754, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
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; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 754
; LENGTH: 587
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-754

Query Match      60.0%; Score 12; DB 6; Length 587;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      8  CCCAACACTACT 19
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Db      439 CCCAACACTACT 428

RESULT 196
US-09-925-065A-755/c
; Sequence 755, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 755
; LENGTH: 587
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-755

Query Match      60.0%; Score 12; DB 6; Length 587;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      8  CCCAACACTACT 19
      |||||
Db      439 CCCAACACTACT 428

RESULT 197
US-09-925-065A-556920/c
; Sequence 556920, Application US/09925065A
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; Publication No. US20040181048A1

; GENERAL INFORMATION:

; APPLICANT: Wang, David G.

; TITLE OF INVENTION: Identification and Mapping of Single

; FILE REFERENCE: 108827.135

; CURRENT APPLICATION NUMBER: US 60/243,096

; CURRENT FILING DATE: 2001-08-08

; PRIOR FILING DATE: 2000-10-24

; PRIOR FILING DATE: 2000-11-20

; PRIOR FILING DATE: 2000-11-30

; PRIOR FILING DATE: 2001-01-16

; PRIOR FILING DATE: 2001-05-09

; NUMBER OF SEQ ID NOS: 957086

; SOFTWARE: FastSeq for Windows Version 4.0

; SEQ ID NO 556920

; LENGTH: 587

; TYPE: DNA

; ORGANISM: Homo sapiens

; US-09-925-065A-556920

Query Match

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Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy

Db 6 GACCCACACTACTC 17

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405 GACCCACACTACTC 394

RESULT 198

US-09-925-065A-280361/c

; Sequence 280361, Application US/09925065A

; Publication No. US20040181048A1

; GENERAL INFORMATION:

; APPLICANT: Wang, David G.

; TITLE OF INVENTION: Identification and Mapping of Single

; FILE REFERENCE: 108827.135

; CURRENT APPLICATION NUMBER: US 60/243,096

; CURRENT FILING DATE: 2001-08-08

; PRIOR FILING DATE: 2000-10-24

; PRIOR FILING DATE: 2000-11-20

; PRIOR FILING DATE: 2000-11-30

; PRIOR FILING DATE: 2001-01-16

; PRIOR FILING DATE: 2001-05-09

; NUMBER OF SEQ ID NOS: 957086

; SOFTWARE: FastSeq for Windows Version 4.0

; SEQ ID NO 280361

; LENGTH: 591

; TYPE: DNA

; ORGANISM: Homo sapiens

; US-09-925-065A-280361

Query Match

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Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy

Db 9 CCAACACTACTC 20

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580 CCAACACTACTC 569

RESULT 199

US-09-925-065A-280362/c

; Sequence 280362, Application US/09925065A

; Publication No. US20040181048A1

; GENERAL INFORMATION:

; APPLICANT: Wang, David G.

; TITLE OF INVENTION: Identification and Mapping of Single

; FILE REFERENCE: 108827.135

; CURRENT APPLICATION NUMBER: US 60/243,096

; CURRENT FILING DATE: 2001-08-08

; PRIOR FILING DATE: 2000-10-24

; PRIOR FILING DATE: 2000-11-20

; PRIOR FILING DATE: 2000-11-30

; PRIOR FILING DATE: 2001-01-16

; PRIOR FILING DATE: 2001-05-09

; NUMBER OF SEQ ID NOS: 957086

; SOFTWARE: FastSeq for Windows Version 4.0

; SEQ ID NO 280362

; LENGTH: 591

; TYPE: DNA

; ORGANISM: Homo sapiens

; US-09-925-065A-280362

Query Match

Best Local Similarity 60.0%; Score 12; DB 6; Length 591;

Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 9 CCAACACTACTC 20

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580 CCAACACTACTC 569

RESULT 200

US-09-925-065A-806956

; Sequence 806956, Application US/09925065A

; Publication No. US20040181048A1

; GENERAL INFORMATION:

; APPLICANT: Wang, David G.

; TITLE OF INVENTION: Identification and Mapping of Single

; FILE REFERENCE: 108827.135

; CURRENT APPLICATION NUMBER: US 60/243,096

; CURRENT FILING DATE: 2001-08-08

; PRIOR FILING DATE: 2000-10-24

; PRIOR FILING DATE: 2000-11-20

; PRIOR FILING DATE: 2000-11-30

; PRIOR FILING DATE: 2001-01-16

; PRIOR FILING DATE: 2001-05-09

; NUMBER OF SEQ ID NOS: 957086

; SOFTWARE: FastSeq for Windows Version 4.0

; SEQ ID NO 806956

; LENGTH: 592

; TYPE: DNA

; ORGANISM: Homo sapiens

; US-09-925-065A-806956

Query Match

Best Local Similarity 60.0%; Score 12; DB 6; Length 592;

Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 7 ACCCAACTACTC 18

|||||

Db 18 ACCCAACTAC 29

Search completed: February 27, 2006, 08:35:52
Job time : 648.526 secs

GenCore version 5.1.7
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OM nucleic - nucleic search, using sw model

Run on: February 27, 2006, 07:55:36 ; Search time 70.1053 Seconds
(without alignments)
456.401 Million cell updates/sec

Title: US-08-887-505B-38
Perfect score: 18
Sequence: 1 GGGGUCCUGGAGNNNNN 18

Scoring table: OLIGO_NUC
Gapop 60.0 , Gapext 60.0

Searched: 1303057 seqs, 888780828 residues

Word size : 0

Total number of hits satisfying chosen parameters: 2606114

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Listing first 1000 summaries

Database : Issued Patents NA:
1: /cgn2_6/ptodata/1/ina/1 COMB.seq.*
2: /cgn2_6/ptodata/1/ina/5 COMB.seq.*
3: /cgn2_6/ptodata/1/ina/6A COMB.seq.*
4: /cgn2_6/ptodata/1/ina/6B COMB.seq.*
5: /cgn2_6/ptodata/1/ina/H COMB.seq.*
6: /cgn2_6/ptodata/1/ina/PCTUS COMB.seq.*
7: /cgn2_6/ptodata/1/ina/PP COMB.seq.*
8: /cgn2_6/ptodata/1/ina/RE COMB.seq.*
9: /cgn2_6/ptodata/1/ina/backfiles1.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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3	13	72.2	59479	3	US-09-949-016-16910
4	12	66.7	12	3	US-09-647-344A-43
5	12	66.7	14	3	US-08-650-093C-97
6	12	66.7	16	3	US-08-954-210-39
7	12	66.7	16	3	US-09-431-419A-39
8	12	66.7	17	3	US-10-298-255-4
9	12	66.7	19	3	US-09-782-361-14
10	12	66.7	20	2	US-08-483-695-22
11	12	66.7	20	2	US-07-965-285-22
12	12	66.7	20	2	US-08-487-231-22
13	12	66.7	20	3	US-09-012-512-22
14	12	66.7	20	3	US-08-397-220B-38
15	12	66.7	20	3	US-08-397-220B-39
16	12	66.7	20	3	US-08-397-220B-40
17	12	66.7	20	3	US-08-397-220B-41
18	12	66.7	20	3	US-08-397-220B-44
19	12	66.7	20	3	US-08-650-093C-38
20	12	66.7	20	3	US-08-650-093C-39
21	12	66.7	20	3	US-08-650-093C-40
22	12	66.7	20	3	US-08-650-093C-41
23	12	66.7	20	3	US-08-650-093C-44
24	12	66.7	20	3	US-09-647-344A-49

Sequence 7, Appli	US-10-259-275-7	21	3	66.7	12	C 25
Sequence 38, Appl	US-09/647	22	3	66.7	12	C 26
Sequence 9, Appli	US-09-906-768A-9	22	3	66.7	12	C 27
Sequence 111, App	US-10-053-883-111	23	3	66.7	12	C 28
Sequence 112, App	US-10-053-883-112	23	3	66.7	12	C 29
Sequence 22, Appl	US-08-639-080-22	24	2	66.7	12	C 30
Sequence 39, Appl	US-09/647	25	3	66.7	12	C 31
Sequence 47, Appl	US-09-647-344A-47	25	3	66.7	12	C 32
Sequence 98, Appl	US-08-397-220B-98	26	3	66.7	12	C 33
Sequence 98, Appl	US-08-650-093C-98	26	3	66.7	12	C 34
Sequence 12, Appl	US-10-053-883-12	27	3	66.7	12	C 35
Sequence 13, Appl	US-10-053-883-13	27	3	66.7	12	C 36
Sequence 7, Appli	US-08-240-547-7	30	2	66.7	12	C 37
Sequence 192, App	US-09-535-338-192	30	3	66.7	12	C 38
Sequence 66, Appl	US-08-530-492-66	32	3	66.7	12	C 39
Sequence 66, Appl	US-08-906-517-66	39	3	66.7	12	C 40
Sequence 48, Appl	US-09-647-344A-48	46	3	66.7	12	C 41
Sequence 2597, Ap	US-09-422-978-2597	47	3	66.7	12	C 42
Sequence 10142, A	US-09-621-976-10142	61	3	66.7	12	C 43
Sequence 106, App	US-09-899-082B-106	109	3	66.7	12	C 44
Sequence 107, App	US-09-899-082B-107	109	3	66.7	12	C 45
Sequence 41, Appl	US-08-474-700B-41	155	3	66.7	12	C 46
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Sequence 67, Appl	US-08-256-568B-67	177	2	66.7	12	C 48
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Sequence 68, Appl	US-09-378-900A-68	177	3	66.7	12	C 77
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Sequence 75, Appl	US-09-378-900A-75	177	3	66.7	12	C 84
Sequence 76, Appl	US-09-378-900A-76	177	3	66.7	12	C 85
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Sequence 79, Appl	US-09-378-900A-79	177	3	66.7	12	C 88
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Sequence 71, Appl	US-09-899-044-71	177	3	66.7	12	C 95
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Sequence 73, Appl	US-09-899-044-73	177	3	66.7	12	C 97
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Sequence 75, Appl	US-09-899-044-75	177	3	66.7	12	C 99

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c 99	12	66.7	177	3	US-09-899-044-77	Sequence 77, Appl	c 172	12	66.7	239	3	US-08-851-588-36	Sequence 36, Appl
c 100	12	66.7	177	3	US-09-899-044-78	Sequence 78, Appl	c 173	12	66.7	239	3	US-09-677-218B-32	Sequence 32, Appl
c 101	12	66.7	177	3	US-09-899-044-79	Sequence 79, Appl	c 174	12	66.7	239	3	US-09-677-218B-36	Sequence 36, Appl
c 102	12	66.7	177	3	US-09-899-044-80	Sequence 80, Appl	c 175	12	66.7	239	3	US-09-677-192-32	Sequence 32, Appl
c 103	12	66.7	177	3	US-09-899-302-61	Sequence 61, Appl	c 176	12	66.7	239	3	US-09-677-192-36	Sequence 36, Appl
c 104	12	66.7	177	3	US-09-899-302-67	Sequence 67, Appl	c 177	12	66.7	239	3	US-09-402-618B-32	Sequence 32, Appl
c 105	12	66.7	177	3	US-09-899-302-68	Sequence 68, Appl	c 178	12	66.7	239	3	US-09-402-618B-36	Sequence 36, Appl
c 106	12	66.7	177	3	US-09-899-302-69	Sequence 69, Appl	c 179	12	66.7	239	3	US-09-825-574-32	Sequence 32, Appl
c 107	12	66.7	177	3	US-09-899-302-70	Sequence 70, Appl	c 180	12	66.7	239	3	US-09-825-574-36	Sequence 36, Appl
c 108	12	66.7	177	3	US-09-899-302-72	Sequence 72, Appl	c 181	12	66.7	239	3	US-09-676-768-32	Sequence 32, Appl
c 109	12	66.7	177	3	US-09-899-302-73	Sequence 73, Appl	c 182	12	66.7	239	3	US-09-676-768-36	Sequence 36, Appl
c 110	12	66.7	177	3	US-09-899-302-74	Sequence 74, Appl	c 183	12	66.7	240	3	US-09-034-205-33	Sequence 33, Appl
c 111	12	66.7	177	3	US-09-899-302-75	Sequence 75, Appl	c 184	12	66.7	240	3	US-09-034-205-38	Sequence 38, Appl
c 112	12	66.7	177	3	US-09-899-302-76	Sequence 76, Appl	c 185	12	66.7	240	3	US-08-934-097A-33	Sequence 33, Appl
c 113	12	66.7	177	3	US-09-899-302-77	Sequence 77, Appl	c 186	12	66.7	240	3	US-08-934-097A-38	Sequence 38, Appl
c 114	12	66.7	177	3	US-09-899-302-78	Sequence 78, Appl	c 187	12	66.7	240	3	US-08-851-588-33	Sequence 33, Appl
c 115	12	66.7	177	3	US-09-899-302-79	Sequence 79, Appl	c 188	12	66.7	240	3	US-08-851-588-38	Sequence 38, Appl
c 116	12	66.7	177	3	US-09-899-302-80	Sequence 80, Appl	c 189	12	66.7	240	3	US-09-677-218B-33	Sequence 33, Appl
c 117	12	66.7	177	3	US-09-899-082B-61	Sequence 61, Appl	c 190	12	66.7	240	3	US-09-677-218B-38	Sequence 38, Appl
c 118	12	66.7	177	3	US-09-899-082B-67	Sequence 67, Appl	c 191	12	66.7	240	3	US-09-677-192-33	Sequence 33, Appl
c 119	12	66.7	177	3	US-09-899-082B-68	Sequence 68, Appl	c 192	12	66.7	240	3	US-09-677-192-38	Sequence 38, Appl
c 120	12	66.7	177	3	US-09-899-082B-69	Sequence 69, Appl	c 193	12	66.7	240	3	US-09-402-618B-33	Sequence 33, Appl
c 121	12	66.7	177	3	US-09-899-082B-70	Sequence 70, Appl	c 194	12	66.7	240	3	US-09-402-618B-38	Sequence 38, Appl
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c 123	12	66.7	177	3	US-09-899-082B-73	Sequence 73, Appl	c 196	12	66.7	240	3	US-09-825-574-38	Sequence 38, Appl
c 124	12	66.7	177	3	US-09-899-082B-74	Sequence 74, Appl	c 197	12	66.7	240	3	US-09-676-768-33	Sequence 33, Appl
c 125	12	66.7	177	3	US-09-899-082B-75	Sequence 75, Appl	c 198	12	66.7	240	3	US-09-676-768-38	Sequence 38, Appl
c 126	12	66.7	177	3	US-09-899-082B-76	Sequence 76, Appl	c 199	12	66.7	242	2	US-08-333-595-1	Sequence 1, Appl
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c 128	12	66.7	177	3	US-09-899-082B-78	Sequence 78, Appl	c 201	12	66.7	244	3	US-09-034-205-29	Sequence 29, Appl
c 129	12	66.7	177	3	US-09-899-082B-79	Sequence 79, Appl	c 202	12	66.7	244	3	US-09-034-205-31	Sequence 31, Appl
c 130	12	66.7	177	3	US-09-899-082B-80	Sequence 80, Appl	c 203	12	66.7	244	3	US-08-934-097A-26	Sequence 26, Appl
c 131	12	66.7	177	3	US-09-899-082B-108	Sequence 108, Appl	c 204	12	66.7	244	3	US-08-934-097A-29	Sequence 29, Appl
c 132	12	66.7	178	2	US-08-256-568B-59	Sequence 59, Appl	c 205	12	66.7	244	3	US-08-934-097A-31	Sequence 31, Appl
c 133	12	66.7	178	2	US-08-256-568B-71	Sequence 71, Appl	c 206	12	66.7	244	3	US-08-851-588-26	Sequence 26, Appl
c 134	12	66.7	178	3	US-09-038-369B-59	Sequence 59, Appl	c 207	12	66.7	244	3	US-08-851-588-29	Sequence 29, Appl
c 135	12	66.7	178	3	US-09-038-369B-71	Sequence 71, Appl	c 208	12	66.7	244	3	US-08-851-588-31	Sequence 31, Appl
c 136	12	66.7	178	3	US-09-378-900A-59	Sequence 59, Appl	c 209	12	66.7	244	3	US-09-677-218B-26	Sequence 26, Appl
c 137	12	66.7	178	3	US-09-378-900A-71	Sequence 71, Appl	c 210	12	66.7	244	3	US-09-677-218B-29	Sequence 29, Appl
c 138	12	66.7	178	3	US-09-899-044-59	Sequence 59, Appl	c 211	12	66.7	244	3	US-09-677-218B-31	Sequence 31, Appl
c 139	12	66.7	178	3	US-09-899-044-71	Sequence 71, Appl	c 212	12	66.7	244	3	US-09-677-192-26	Sequence 26, Appl
c 140	12	66.7	178	3	US-09-899-302-59	Sequence 59, Appl	c 213	12	66.7	244	3	US-09-677-192-29	Sequence 29, Appl
c 141	12	66.7	178	3	US-09-899-302-71	Sequence 71, Appl	c 214	12	66.7	244	3	US-09-677-192-31	Sequence 31, Appl
c 142	12	66.7	178	3	US-09-899-082B-59	Sequence 59, Appl	c 215	12	66.7	244	3	US-09-402-618B-26	Sequence 26, Appl
c 143	12	66.7	178	3	US-09-899-082B-71	Sequence 71, Appl	c 216	12	66.7	244	3	US-09-402-618B-29	Sequence 29, Appl
c 144	12	66.7	180	3	US-08-441-971-50	Sequence 50, Appl	c 217	12	66.7	244	3	US-09-402-618B-31	Sequence 31, Appl
c 145	12	66.7	180	3	US-08-441-971-51	Sequence 51, Appl	c 218	12	66.7	244	3	US-09-402-618B-124	Sequence 124, Appl
c 146	12	66.7	180	3	US-08-221-653-50	Sequence 50, Appl	c 219	12	66.7	244	3	US-09-402-618B-127	Sequence 127, Appl
c 147	12	66.7	180	3	US-08-221-653-51	Sequence 51, Appl	c 220	12	66.7	244	3	US-09-402-618B-128	Sequence 128, Appl
c 148	12	66.7	180	3	US-08-442-144A-50	Sequence 50, Appl	c 221	12	66.7	244	3	US-09-825-574-26	Sequence 26, Appl
c 149	12	66.7	180	3	US-08-442-144A-51	Sequence 51, Appl	c 222	12	66.7	244	3	US-09-825-574-29	Sequence 29, Appl
c 150	12	66.7	180	3	US-08-441-970-50	Sequence 50, Appl	c 223	12	66.7	244	3	US-09-825-574-31	Sequence 31, Appl
c 151	12	66.7	180	3	US-08-441-970-51	Sequence 51, Appl	c 224	12	66.7	244	3	US-09-676-768-26	Sequence 26, Appl
c 152	12	66.7	190	3	US-09-899-082B-102	Sequence 102, Appl	c 225	12	66.7	244	3	US-09-676-768-29	Sequence 29, Appl
c 153	12	66.7	194	2	US-08-634-797-46	Sequence 46, Appl	c 226	12	66.7	244	3	US-09-676-768-31	Sequence 31, Appl
c 154	12	66.7	194	2	US-08-634-797-47	Sequence 47, Appl	c 227	12	66.7	244	3	US-09-676-768-33	Sequence 33, Appl
c 155	12	66.7	194	2	US-08-634-797-48	Sequence 48, Appl	c 228	12	66.7	252	3	US-08-441-971-33	Sequence 34, Appl
c 156	12	66.7	201	3	US-09-270-767-28457	Sequence 28457, A	c 229	12	66.7	252	3	US-08-441-971-35	Sequence 35, Appl
c 157	12	66.7	221	3	US-09-513-999C-29549	Sequence 29549, A	c 230	12	66.7	252	3	US-08-441-971-36	Sequence 36, Appl
c 158	12	66.7	227	3	US-09-899-082B-103	Sequence 103, Appl	c 231	12	66.7	252	3	US-08-441-971-37	Sequence 37, Appl
c 159	12	66.7	232	3	US-09-034-205-37	Sequence 37, Appl	c 232	12	66.7	252	3	US-08-441-971-38	Sequence 38, Appl
c 160	12	66.7	232	3	US-08-934-097A-37	Sequence 37, Appl	c 233	12	66.7	252	3	US-08-441-971-39	Sequence 39, Appl
c 161	12	66.7	232	3	US-08-851-588-37	Sequence 37, Appl	c 234	12	66.7	252	3	US-08-441-971-40	Sequence 40, Appl
c 162	12	66.7	232	3	US-09-677-218B-37	Sequence 37, Appl	c 235	12	66.7	252	3	US-08-441-971-41	Sequence 41, Appl
c 163	12	66.7	232	3	US-09-677-192-37	Sequence 37, Appl	c 236	12	66.7	252	3	US-08-441-971-42	Sequence 42, Appl
c 164	12	66.7	232	3	US-09-402-618B-37	Sequence 37, Appl	c 237	12	66.7	252	3	US-08-441-971-43	Sequence 43, Appl
c 165	12	66.7	232	3	US-09-825-574-37	Sequence 37, Appl	c 238	12	66.7	252	3	US-08-441-971-44	Sequence 44, Appl
c 166	12	66.7	232	3	US-09-825-574-39	Sequence 37, Appl	c 239	12	66.7	252	3	US-08-441-971-45	Sequence 45, Appl
c 167	12	66.7	232	3	US-09-676-768-37	Sequence 37, Appl	c 240	12	66.7	252	3	US-08-441-971-49	Sequence 49, Appl
c 168	12	66.7	239	3	US-09-034-205-32	Sequence 32, Appl	c 241	12	66.7	252	3	US-08-221-653-33	Sequence 33, Appl
c 169	12	66.7	239	3	US-09-034-205-36	Sequence 36, Appl	c 242	12	66.7	252	3	US-08-221-653-34	Sequence 34, Appl
c 170	12	66.7	239	3	US-08-934-097A-32	Sequence 32, Appl	c 243	12	66.7	252	3	US-08-221-653-35	Sequence 35, Appl

C 244	12	66.7	252	3	US-08-221-653-36	Sequence 36, Appl	317	12	66.7	281	3	US-09-655-378A-132	Sequence 132, App
C 245	12	66.7	252	3	US-08-221-653-37	Sequence 37, Appl	C 318	12	66.7	282	2	US-08-757-653-124	Sequence 124, App
C 246	12	66.7	252	3	US-08-221-653-38	Sequence 38, Appl	C 319	12	66.7	282	2	US-08-757-653-130	Sequence 130, App
C 247	12	66.7	252	3	US-08-221-653-39	Sequence 39, Appl	C 320	12	66.7	282	3	US-08-520-946-124	Sequence 124, App
C 248	12	66.7	252	3	US-08-221-653-40	Sequence 40, Appl	C 321	12	66.7	282	3	US-08-520-946-130	Sequence 130, App
C 249	12	66.7	252	3	US-08-221-653-41	Sequence 41, Appl	C 322	12	66.7	282	3	US-09-655-378A-124	Sequence 124, App
C 250	12	66.7	252	3	US-08-221-653-42	Sequence 42, Appl	C 323	12	66.7	282	3	US-09-655-378A-130	Sequence 130, App
C 251	12	66.7	252	3	US-08-221-653-43	Sequence 43, Appl	C 324	12	66.7	286	3	US-09-490-609B-21	Sequence 21, Appl
C 252	12	66.7	252	3	US-08-221-653-44	Sequence 44, Appl	C 325	12	66.7	289	3	US-09-034-205-20	Sequence 20, Appl
C 253	12	66.7	252	3	US-08-221-653-45	Sequence 45, Appl	C 326	12	66.7	289	3	US-09-034-205-23	Sequence 23, Appl
C 254	12	66.7	252	3	US-08-221-653-46	Sequence 46, Appl	C 327	12	66.7	289	3	US-08-934-097A-20	Sequence 20, Appl
C 255	12	66.7	252	3	US-08-221-653-47	Sequence 47, Appl	C 328	12	66.7	289	3	US-08-934-097A-23	Sequence 23, Appl
C 256	12	66.7	252	3	US-08-442-144A-33	Sequence 33, Appl	C 329	12	66.7	289	3	US-08-851-588-20	Sequence 20, Appl
C 257	12	66.7	252	3	US-08-442-144A-34	Sequence 34, Appl	C 330	12	66.7	289	3	US-08-851-588-23	Sequence 23, Appl
C 258	12	66.7	252	3	US-08-442-144A-35	Sequence 35, Appl	C 331	12	66.7	289	3	US-09-677-218B-20	Sequence 20, Appl
C 259	12	66.7	252	3	US-08-442-144A-36	Sequence 36, Appl	C 332	12	66.7	289	3	US-09-677-218B-23	Sequence 23, Appl
C 260	12	66.7	252	3	US-08-442-144A-37	Sequence 37, Appl	C 333	12	66.7	289	3	US-09-677-192-20	Sequence 20, Appl
C 261	12	66.7	252	3	US-08-442-144A-38	Sequence 38, Appl	C 334	12	66.7	289	3	US-09-677-192-23	Sequence 23, Appl
C 262	12	66.7	252	3	US-08-442-144A-39	Sequence 39, Appl	C 335	12	66.7	289	3	US-09-402-618B-20	Sequence 20, Appl
C 263	12	66.7	252	3	US-08-442-144A-40	Sequence 40, Appl	C 336	12	66.7	289	3	US-09-402-618B-23	Sequence 23, Appl
C 264	12	66.7	252	3	US-08-442-144A-41	Sequence 41, Appl	C 337	12	66.7	289	3	US-09-825-574-20	Sequence 20, Appl
C 265	12	66.7	252	3	US-08-442-144A-42	Sequence 42, Appl	C 338	12	66.7	289	3	US-09-825-574-23	Sequence 23, Appl
C 266	12	66.7	252	3	US-08-442-144A-43	Sequence 43, Appl	C 339	12	66.7	289	3	US-09-676-768-20	Sequence 20, Appl
C 267	12	66.7	252	3	US-08-442-144A-44	Sequence 44, Appl	C 340	12	66.7	289	3	US-09-676-768-23	Sequence 23, Appl
C 268	12	66.7	252	3	US-08-442-144A-45	Sequence 45, Appl	C 341	12	66.7	305	2	US-08-332-616A-1	Sequence 1, Appl
C 269	12	66.7	252	3	US-08-441-970-33	Sequence 33, Appl	C 342	12	66.7	305	2	US-08-317-220-1	Sequence 1, Appl
C 270	12	66.7	252	3	US-08-441-970-34	Sequence 34, Appl	C 343	12	66.7	308	3	US-08-444-818-108	Sequence 108, App
C 271	12	66.7	252	3	US-08-441-970-35	Sequence 35, Appl	C 344	12	66.7	308	3	US-08-444-818-109	Sequence 109, App
C 272	12	66.7	252	3	US-08-441-970-36	Sequence 36, Appl	C 345	12	66.7	308	3	US-08-444-818-110	Sequence 110, App
C 273	12	66.7	252	3	US-08-441-970-37	Sequence 37, Appl	C 346	12	66.7	308	3	US-08-444-818-111	Sequence 111, App
C 274	12	66.7	252	3	US-08-441-970-38	Sequence 38, Appl	C 347	12	66.7	308	3	US-08-444-818-114	Sequence 114, App
C 275	12	66.7	252	3	US-08-441-970-39	Sequence 39, Appl	C 348	12	66.7	308	3	US-08-444-818-116	Sequence 116, App
C 276	12	66.7	252	3	US-08-441-970-40	Sequence 40, Appl	C 349	12	66.7	309	3	US-08-444-818-118	Sequence 118, App
C 277	12	66.7	252	3	US-08-441-970-41	Sequence 41, Appl	C 350	12	66.7	324	2	US-09-513-999C-15853	Sequence 15853, A
C 278	12	66.7	252	3	US-08-441-970-42	Sequence 42, Appl	C 351	12	66.7	324	2	US-08-470-426B-1	Sequence 1, Appl
C 279	12	66.7	252	3	US-08-441-970-43	Sequence 43, Appl	C 352	12	66.7	324	2	US-08-470-426B-15	Sequence 15, Appl
C 280	12	66.7	252	3	US-08-441-970-44	Sequence 44, Appl	C 353	12	66.7	337	2	US-08-756-386-56	Sequence 56, Appl
C 281	12	66.7	252	3	US-08-441-970-45	Sequence 45, Appl	C 354	12	66.7	337	2	US-08-823-516-45	Sequence 45, Appl
C 282	12	66.7	252	3	US-08-483-695-1	Sequence 1, Appl	C 355	12	66.7	337	3	US-08-682-853A-56	Sequence 56, Appl
C 283	12	66.7	256	2	US-08-483-695-1	Sequence 1, Appl	C 356	12	66.7	337	3	US-08-759-038-56	Sequence 56, Appl
C 284	12	66.7	256	2	US-08-483-695-24	Sequence 24, Appl	C 357	12	66.7	337	3	US-08-758-314-56	Sequence 56, Appl
C 285	12	66.7	256	2	US-08-483-695-25	Sequence 25, Appl	C 358	12	66.7	337	3	US-09-350-309-56	Sequence 56, Appl
C 286	12	66.7	256	2	US-08-483-695-26	Sequence 26, Appl	C 359	12	66.7	337	3	US-09-684-938-56	Sequence 56, Appl
C 287	12	66.7	256	2	US-07-965-285-1	Sequence 1, Appl	C 360	12	66.7	337	3	US-09-308-825A-56	Sequence 56, Appl
C 288	12	66.7	256	2	US-07-965-285-24	Sequence 24, Appl	C 361	12	66.7	337	3	US-09-940-244-45	Sequence 45, Appl
C 289	12	66.7	256	2	US-07-965-285-25	Sequence 25, Appl	C 362	12	66.7	337	3	US-09-333-145-56	Sequence 56, Appl
C 290	12	66.7	256	2	US-07-965-285-26	Sequence 26, Appl	C 363	12	66.7	337	3	US-09-381-212-45	Sequence 45, Appl
C 291	12	66.7	256	2	US-08-487-231-1	Sequence 1, Appl	C 364	12	66.7	337	3	US-10-081-806-56	Sequence 56, Appl
C 292	12	66.7	256	2	US-08-487-231-24	Sequence 24, Appl	C 365	12	66.7	337	3	US-09-713-601A-45	Sequence 45, Appl
C 293	12	66.7	256	2	US-08-487-231-25	Sequence 25, Appl	C 366	12	66.7	339	3	US-09-513-999C-22343	Sequence 22343, A
C 294	12	66.7	256	2	US-08-487-231-26	Sequence 26, Appl	C 367	12	66.7	341	2	US-08-440-209-1	Sequence 1, Appl
C 295	12	66.7	256	3	US-09-201-912-1	Sequence 1, Appl	C 368	12	66.7	341	3	US-08-854-531-4	Sequence 4, Appl
C 296	12	66.7	256	3	US-09-201-912-24	Sequence 24, Appl	C 369	12	66.7	341	3	US-08-439-996-1	Sequence 1, Appl
C 297	12	66.7	256	3	US-09-201-912-25	Sequence 25, Appl	C 370	12	66.7	341	3	US-09-014-416-47	Sequence 47, Appl
C 298	12	66.7	256	3	US-09-201-912-26	Sequence 26, Appl	C 371	12	66.7	341	3	US-09-014-416-48	Sequence 48, Appl
C 299	12	66.7	260	3	US-08-474-700B-40	Sequence 40, Appl	C 372	12	66.7	341	3	US-09-014-416-49	Sequence 49, Appl
C 300	12	66.7	260	3	US-09-899-082B-98	Sequence 98, Appl	C 373	12	66.7	341	3	US-08-869-380-4	Sequence 4, Appl
C 301	12	66.7	260	3	US-09-899-082B-99	Sequence 99, Appl	C 374	12	66.7	341	3	US-09-814-351-3	Sequence 3, Appl
C 302	12	66.7	278	3	US-09-533-559-3593	Sequence 3593, Ap	C 375	12	66.7	341	3	US-09-814-292-44	Sequence 44, Appl
C 303	12	66.7	281	2	US-08-757-653-121	Sequence 121, App	C 376	12	66.7	341	3	US-09-814-375-3	Sequence 3, Appl
C 304	12	66.7	281	2	US-08-757-653-126	Sequence 126, App	C 377	12	66.7	341	3	US-10-259-275-35	Sequence 35, Appl
C 305	12	66.7	281	2	US-08-757-653-127	Sequence 127, App	C 378	12	66.7	341	6	PCT-US95-13552-4	Sequence 4, Appl
C 306	12	66.7	281	2	US-08-757-653-128	Sequence 128, App	C 379	12	66.7	342	3	US-08-474-700B-39	Sequence 39, Appl
C 307	12	66.7	281	2	US-08-757-653-129	Sequence 129, App	C 380	12	66.7	347	3	US-08-150-204E-100	Sequence 100, App
C 308	12	66.7	281	2	US-08-520-946-121	Sequence 121, App	C 381	12	66.7	350	2	US-07-863-622-1	Sequence 1, Appl
C 309	12	66.7	281	3	US-08-520-946-126	Sequence 126, App	C 382	12	66.7	350	6	PCT-US93-03286-1	Sequence 1, Appl
C 310	12	66.7	281	3	US-08-520-946-127	Sequence 127, App	C 383	12	66.7	356	3	US-09-513-999C-31161	Sequence 31161, A
C 311	12	66.7	281	3	US-08-520-946-128	Sequence 128, App	C 384	12	66.7	359	3	US-08-150-204E-99	Sequence 99, Appl
C 312	12	66.7	281	3	US-08-520-946-132	Sequence 132, App	C 385	12	66.7	360	3	US-08-150-204E-98	Sequence 98, Appl
C 313	12	66.7	281	3	US-09-655-378A-121	Sequence 121, App	C 386	12	66.7	370	3	US-09-621-976-1980	Sequence 1980, Ap
C 314	12	66.7	281	3	US-09-655-378A-126	Sequence 126, App	C 387	12	66.7	386	2	US-08-757-653-122	Sequence 122, App
C 315	12	66.7	281	3	US-09-655-378A-127	Sequence 127, App	C 388	12	66.7	386	3	US-08-520-946-122	Sequence 122, App
C 316	12	66.7	281	3	US-09-655-378A-128	Sequence 128, App	C 389	12	66.7	386	3	US-09-655-378A-122	Sequence 122, App

C 390	12	66.7	401	3	US-09-643-597-264	Sequence 264, App	C 463	12	66.7	725	3	US-09-328-475C-295	Sequence 295, App
C 391	12	66.7	401	3	US-09-480-884A-264	Sequence 264, App	C 464	12	66.7	736	3	US-09-328-475C-294	Sequence 294, App
C 392	12	66.7	401	3	US-09-542-615A-264	Sequence 264, App	C 465	12	66.7	780	3	US-08-474-700B-45	Sequence 45, Appl
C 393	12	66.7	401	3	US-09-606-421B-264	Sequence 264, App	C 466	12	66.7	789	3	US-09-109-204-11	Sequence 11, Appl
C 394	12	66.7	401	3	US-09-630-940B-264	Sequence 264, App	C 467	12	66.7	789	3	US-09-490-032-11	Sequence 11, Appl
C 395	12	66.7	401	3	US-10-007-700-264	Sequence 264, App	C 468	12	66.7	789	3	US-09-949-016-2067	Sequence 2067, App
C 396	12	66.7	420	3	US-09-902-540-5709	Sequence 5709, App	C 469	12	66.7	803	2	US-08-157-235-1	Sequence 1, Appl
C 397	12	66.7	447	3	US-09-621-976-17212	Sequence 17212, A	C 470	12	66.7	803	2	US-08-157-235-2	Sequence 2, Appl
C 398	12	66.7	461	3	US-08-836-075A-103	Sequence 103, App	C 471	12	66.7	803	2	US-08-157-235-3	Sequence 3, Appl
C 399	12	66.7	462	2	US-08-852-807-6	Sequence 6, Appl	C 472	12	66.7	803	2	US-08-157-235-4	Sequence 4, Appl
C 400	12	66.7	470	3	US-09-653-119A-16	Sequence 16, Appl	C 473	12	66.7	803	2	US-08-157-235-5	Sequence 5, Appl
C 401	12	66.7	504	3	US-08-191-160-18	Sequence 18, Appl	C 474	12	66.7	819	3	US-09-910-174B-20	Sequence 20, Appl
C 402	12	66.7	587	3	US-09-720-201A-2	Sequence 2, Appl	C 475	12	66.7	819	3	US-09-620-461-20	Sequence 20, Appl
C 403	12	66.7	601	3	US-09-949-016-19009	Sequence 19009, A	C 476	12	66.7	821	3	US-09-342-681C-7	Sequence 7, Appl
C 404	12	66.7	601	3	US-09-949-016-22107	Sequence 22107, A	C 477	12	66.7	923	3	US-08-869-380-1	Sequence 1, Appl
C 405	12	66.7	601	3	US-09-949-016-23106	Sequence 23106, A	C 478	12	66.7	923	3	PCT-US95-13552-14	Sequence 14, Appl
C 406	12	66.7	601	3	US-09-949-016-27838	Sequence 27838, A	C 479	12	66.7	995	3	US-09-270-767-12652	Sequence 12652, A
C 407	12	66.7	601	3	US-09-949-016-35419	Sequence 35419, A	C 480	12	66.7	1024	3	US-09-949-016-5707	Sequence 5707, App
C 408	12	66.7	601	3	US-09-949-016-35420	Sequence 35420, A	C 481	12	66.7	1057	3	US-09-205-258-204	Sequence 204, App
C 409	12	66.7	601	3	US-09-949-016-35421	Sequence 35421, A	C 482	12	66.7	1057	3	US-10-004-860-204	Sequence 204, App
C 410	12	66.7	601	3	US-09-949-016-35422	Sequence 35422, A	C 483	12	66.7	1105	3	US-08-466-103A-15	Sequence 15, Appl
C 411	12	66.7	601	3	US-09-949-016-47089	Sequence 47089, A	C 484	12	66.7	1105	3	US-09-016-434-1481	Sequence 1481, App
C 412	12	66.7	601	3	US-09-949-016-48640	Sequence 48640, A	C 485	12	66.7	1131	3	US-09-247-155-146	Sequence 146, App
C 413	12	66.7	601	3	US-09-949-016-55193	Sequence 55193, A	C 486	12	66.7	1131	3	US-09-903-190-146	Sequence 146, App
C 414	12	66.7	601	3	US-09-949-016-55671	Sequence 55671, A	C 487	12	66.7	1176	3	US-09-342-681C-14	Sequence 14, Appl
C 415	12	66.7	601	3	US-09-949-016-58990	Sequence 58990, A	C 488	12	66.7	1192	3	US-09-023-655-600	Sequence 600, App
C 416	12	66.7	601	3	US-09-949-016-63043	Sequence 63043, A	C 489	12	66.7	1223	3	US-09-949-016-2283	Sequence 2283, App
C 417	12	66.7	601	3	US-09-949-016-68946	Sequence 68946, A	C 490	12	66.7	1248	3	US-09-799-451-844	Sequence 844, App
C 418	12	66.7	601	3	US-09-949-016-81230	Sequence 81230, A	C 491	12	66.7	1261	3	US-09-755-100A-6	Sequence 6, Appl
C 419	12	66.7	601	3	US-09-949-016-82531	Sequence 82531, A	C 492	12	66.7	1272	3	US-09-489-039A-6276	Sequence 6276, App
C 420	12	66.7	601	3	US-09-949-016-94155	Sequence 94155, A	C 493	12	66.7	1340	2	US-09-673-395A-54	Sequence 54, Appl
C 421	12	66.7	601	3	US-09-949-016-116947	Sequence 116947, A	C 494	12	66.7	1499	2	US-08-324-977-3	Sequence 3, Appl
C 422	12	66.7	601	3	US-09-949-016-127463	Sequence 127463, A	C 495	12	66.7	1499	2	US-08-384-616-3	Sequence 3, Appl
C 423	12	66.7	601	3	US-09-949-016-131125	Sequence 131125, A	C 496	12	66.7	1499	2	US-08-904-688A-3	Sequence 3, Appl
C 424	12	66.7	601	3	US-09-949-016-132404	Sequence 132404, A	C 497	12	66.7	1574	3	US-09-315-850-3	Sequence 3, Appl
C 425	12	66.7	601	3	US-09-949-016-132405	Sequence 132405, A	C 498	12	66.7	1574	3	US-09-342-681C-1	Sequence 1, Appl
C 426	12	66.7	601	3	US-09-949-016-179485	Sequence 179485, A	C 499	12	66.7	1608	2	US-08-424-224-1	Sequence 1, Appl
C 427	12	66.7	601	3	US-09-949-016-177691	Sequence 177691, A	C 500	12	66.7	1608	6	PCT-US94-02891-68	Sequence 68, Appl
C 428	12	66.7	601	3	US-09-949-016-178899	Sequence 178899, A	C 501	12	66.7	1635	3	US-09-620-312D-445	Sequence 445, App
C 429	12	66.7	601	3	US-09-949-016-179483	Sequence 179483, A	C 502	12	66.7	1644	3	US-08-948-564-5	Sequence 5, Appl
C 430	12	66.7	601	3	US-09-949-016-179484	Sequence 179484, A	C 503	12	66.7	1707	3	US-09-266-965-68	Sequence 68, Appl
C 431	12	66.7	601	3	US-09-949-016-179485	Sequence 179485, A	C 504	12	66.7	1752	3	US-09-360-779-1	Sequence 1, Appl
C 432	12	66.7	601	3	US-09-949-016-179486	Sequence 179486, A	C 505	12	66.7	1752	3	US-09-435-335-1	Sequence 1, Appl
C 433	12	66.7	601	3	US-09-949-016-183217	Sequence 183217, A	C 506	12	66.7	1773	3	US-09-818-780-71	Sequence 71, Appl
C 434	12	66.7	601	3	US-09-949-016-184414	Sequence 184414, A	C 507	12	66.7	1863	2	US-08-470-426B-13	Sequence 13, Appl
C 435	12	66.7	601	3	US-09-949-016-198532	Sequence 198532, A	C 508	12	66.7	1863	2	US-08-470-428B-14	Sequence 14, Appl
C 436	12	66.7	601	3	US-09-949-016-198533	Sequence 198533, A	C 509	12	66.7	1968	3	US-09-902-540-3231	Sequence 3231, App
C 437	12	66.7	601	3	US-09-949-016-198551	Sequence 203551, A	C 510	12	66.7	2052	3	US-09-949-016-450	Sequence 450, App
C 438	12	66.7	601	3	US-09-949-016-203551	Sequence 203552, A	C 511	12	66.7	2098	3	US-09-220-132-41	Sequence 41, Appl
C 439	12	66.7	601	3	US-09-949-002-954	Sequence 954, App	C 512	12	66.7	2100	2	US-08-154-915-5	Sequence 5, Appl
C 440	12	66.7	601	3	US-09-949-002-1754	Sequence 1754, App	C 513	12	66.7	2105	3	US-09-949-016-5354	Sequence 5354, App
C 441	12	66.7	601	3	US-09-949-002-1806	Sequence 1806, App	C 514	12	66.7	2106	2	US-07-970-462A-1	Sequence 1, Appl
C 442	12	66.7	601	3	US-09-949-002-3131	Sequence 3131, App	C 515	12	66.7	2106	2	US-08-524-218A-1	Sequence 1, Appl
C 443	12	66.7	601	3	US-09-949-002-3132	Sequence 3132, App	C 516	12	66.7	2106	2	US-08-327-874A-1	Sequence 1, Appl
C 444	12	66.7	601	3	US-09-949-002-4911	Sequence 4911, App	C 517	12	66.7	2106	3	US-10-008-960-1	Sequence 1, Appl
C 445	12	66.7	601	3	US-09-949-002-8643	Sequence 8643, App	C 518	12	66.7	2106	6	PCT-US92-10904-1	Sequence 1, Appl
C 446	12	66.7	601	3	US-09-949-002-9401	Sequence 9401, App	C 519	12	66.7	2106	6	PCT-US94-09700-1	Sequence 1, Appl
C 447	12	66.7	601	3	US-09-949-002-9402	Sequence 9402, App	C 520	12	66.7	2110	3	US-10-104-047-1778	Sequence 1778, App
C 448	12	66.7	601	3	US-09-949-002-9694	Sequence 9694, App	C 521	12	66.7	2116	3	US-08-191-160-21	Sequence 21, Appl
C 449	12	66.7	652	3	US-08-836-075A-59	Sequence 59, Appl	C 522	12	66.7	2147	3	US-09-221-268D-2	Sequence 2, Appl
C 450	12	66.7	665	3	US-08-444-818-94	Sequence 94, Appl	C 523	12	66.7	2163	3	US-09-620-312D-334	Sequence 334, App
C 451	12	66.7	665	3	US-08-444-818-95	Sequence 95, Appl	C 524	12	66.7	2173	3	US-10-104-047-731	Sequence 731, App
C 452	12	66.7	665	3	US-08-444-818-96	Sequence 96, Appl	C 525	12	66.7	2177	3	US-09-919-039-124	Sequence 124, App
C 453	12	66.7	665	3	US-08-444-818-98	Sequence 98, Appl	C 526	12	66.7	2200	3	US-09-774-528-309	Sequence 309, App
C 454	12	66.7	665	3	US-08-444-818-100	Sequence 100, App	C 527	12	66.7	2200	3	US-10-120-988-309	Sequence 309, App
C 455	12	66.7	665	3	US-08-444-818-102	Sequence 102, App	C 528	12	66.7	2229	3	US-09-910-174B-1	Sequence 1, Appl
C 456	12	66.7	685	3	US-09-690-936-37	Sequence 37, Appl	C 529	12	66.7	2229	3	US-09-620-461-1	Sequence 1, Appl
C 457	12	66.7	686	3	US-08-988-321B-37	Sequence 37, Appl	C 530	12	66.7	2235	3	US-09-949-016-3736	Sequence 3736, App
C 458	12	66.7	686	3	US-08-397-220B-25	Sequence 25, Appl	C 531	12	66.7	2246	3	US-09-949-016-4937	Sequence 4937, App
C 459	12	66.7	686	3	US-08-650-093C-25	Sequence 25, Appl	C 532	12	66.7	2247	3	US-09-023-655-1410	Sequence 1410, App
C 460	12	66.7	700	3	US-09-735-271-807	Sequence 807, App	C 533	12	66.7	2256	2	US-07-794-393-1	Sequence 1, Appl
C 461	12	66.7	702	3	US-09-720-201A-3	Sequence 3, Appl	C 534	12	66.7	2256	2	US-08-001-711-1	Sequence 1, Appl
C 462	12	66.7	713	3	US-09-763-836-1	Sequence 1, Appl	C 535	12	66.7	2281	3	US-10-131-827-8887	Sequence 8887, App

c 536	12	66.7	2327	3	US-10-066-130-20	Sequence 20, Appl	c 609	12	66.7	8001	3	US-09-539-601-7	Sequence 7, Appl
c 537	12	66.7	2393	3	US-09-023-653-258	Sequence 258, Appl	c 610	12	66.7	8001	3	US-09-539-601-16	Sequence 16, Appl
c 538	12	66.7	2477	3	US-09-949-002-39	Sequence 39, Appl	c 611	12	66.7	8001	3	US-09-539-601-22	Sequence 22, Appl
c 539	12	66.7	2483	2	US-08-177-109A-1	Sequence 1, Appl	c 612	12	66.7	8001	3	US-09-539-601-28	Sequence 28, Appl
c 540	12	66.7	2483	2	US-08-687-706-1	Sequence 1, Appl	c 613	12	66.7	8050	3	US-09-949-016-12	Sequence 12, Appl
c 541	12	66.7	2487	3	US-09-620-312D-160	Sequence 160, Appl	c 614	12	66.7	8596	3	US-09-949-016-14493	Sequence 14493, A
c 542	12	66.7	2505	3	US-09-799-451-179	Sequence 179, Appl	c 615	12	66.7	8637	3	US-09-539-601-4	Sequence 4, Appl
c 543	12	66.7	2562	3	US-09-620-312D-284	Sequence 284, Appl	c 616	12	66.7	8638	3	US-10-029-907-6	Sequence 6, Appl
c 544	12	66.7	2589	2	US-08-482-728A-3	Sequence 3, Appl	c 617	12	66.7	8638	3	US-10-029-907-7	Sequence 7, Appl
c 545	12	66.7	2674	3	US-10-066-130-19	Sequence 19, Appl	c 618	12	66.7	8638	3	US-10-029-907-24	Sequence 24, Appl
c 546	12	66.7	2733	3	US-09-976-594-5127	Sequence 517, Appl	c 619	12	66.7	8638	3	US-10-029-907-25	Sequence 25, Appl
c 547	12	66.7	2754	3	US-09-949-016-5122	Sequence 5122, Appl	c 620	12	66.7	8638	3	US-10-029-907-25	Sequence 25, Appl
c 548	12	66.7	2764	3	US-09-999-833A-258	Sequence 258, Appl	c 621	12	66.7	8638	3	US-10-309-561A-6	Sequence 6, Appl
c 549	12	66.7	2764	3	US-10-020-445A-258	Sequence 258, Appl	c 622	12	66.7	8638	3	US-10-309-561A-7	Sequence 7, Appl
c 550	12	66.7	2771	3	US-10-066-130-18	Sequence 18, Appl	c 623	12	66.7	8638	3	US-10-309-561A-24	Sequence 24, Appl
c 551	12	66.7	2820	3	US-10-104-047-1479	Sequence 1479, Appl	c 624	12	66.7	8639	3	US-10-029-907-1	Sequence 1, Appl
c 552	12	66.7	2826	3	US-09-949-016-3926	Sequence 3926, Appl	c 625	12	66.7	8639	3	US-10-309-561A-1	Sequence 1, Appl
c 553	12	66.7	2828	3	US-09-016-434-1458	Sequence 1458, Appl	c 626	12	66.7	8642	3	US-10-029-907-2	Sequence 2, Appl
c 554	12	66.7	2879	3	US-09-949-016-5150	Sequence 5150, Appl	c 627	12	66.7	8642	3	US-10-309-561A-2	Sequence 2, Appl
c 555	12	66.7	2879	3	US-09-949-002-258	Sequence 258, Appl	c 628	12	66.7	8643	3	US-10-029-907-4	Sequence 4, Appl
c 556	12	66.7	2901	3	US-09-949-016-4707	Sequence 4707, Appl	c 629	12	66.7	8643	3	US-10-309-561A-4	Sequence 4, Appl
c 557	12	66.7	2980	3	US-09-266-225D-11	Sequence 11, Appl	c 630	12	66.7	8648	3	US-10-029-907-5	Sequence 5, Appl
c 558	12	66.7	3045	3	US-09-949-016-701	Sequence 701, Appl	c 631	12	66.7	8648	3	US-10-309-561A-5	Sequence 5, Appl
c 559	12	66.7	3181	3	US-09-620-312D-856	Sequence 856, Appl	c 632	12	66.7	8649	3	US-09-539-601-13	Sequence 13, Appl
c 560	12	66.7	3264	3	US-09-949-016-1268	Sequence 1268, Appl	c 633	12	66.7	8793	3	US-09-902-540-1042	Sequence 1042, Appl
c 561	12	66.7	3304	3	US-09-673-395A-539	Sequence 539, Appl	c 634	12	66.7	8793	3	US-09-949-016-15668	Sequence 15668, A
c 562	12	66.7	3389	3	US-09-620-312D-1061	Sequence 1061, Appl	c 635	12	66.7	9101	3	US-09-902-540-988	Sequence 988, Appl
c 563	12	66.7	3478	2	US-08-530-492-1	Sequence 1, Appl	c 636	12	66.7	9185	3	US-08-444-818-122	Sequence 122, Appl
c 564	12	66.7	3478	2	US-08-906-517-1	Sequence 1, Appl	c 637	12	66.7	9185	3	US-08-444-818-123	Sequence 123, Appl
c 565	12	66.7	3484	2	US-08-530-492-105	Sequence 105, Appl	c 638	12	66.7	9365	3	US-09-827-688-7	Sequence 7, Appl
c 566	12	66.7	3484	2	US-08-906-517-105	Sequence 105, Appl	c 639	12	66.7	9379	3	US-08-444-818-176	Sequence 176, Appl
c 567	12	66.7	3604	3	US-09-016-434-1180	Sequence 1180, Appl	c 640	12	66.7	9379	3	US-09-388-874-1	Sequence 1, Appl
c 568	12	66.7	3650	3	US-09-949-016-3694	Sequence 3694, Appl	c 641	12	66.7	9379	3	US-09-916-359-9	Sequence 9, Appl
c 569	12	66.7	4031	2	US-08-159-784-1	Sequence 1, Appl	c 642	12	66.7	9401	2	US-07-910-760-9	Sequence 9, Appl
c 570	12	66.7	4041	3	US-09-569-611C-1	Sequence 1, Appl	c 643	12	66.7	9401	2	US-08-440-539-9	Sequence 9, Appl
c 571	12	66.7	4285	3	US-09-040-774-1	Sequence 1, Appl	c 644	12	66.7	9401	2	US-08-432-693-1	Sequence 1, Appl
c 572	12	66.7	4381	3	US-09-347-878-19	Sequence 19, Appl	c 645	12	66.7	9401	3	US-08-440-549-9	Sequence 9, Appl
c 573	12	66.7	4413	3	US-09-949-016-1868	Sequence 1868, Appl	c 646	12	66.7	9401	3	US-08-823-895A-25	Sequence 25, Appl
c 574	12	66.7	4636	3	US-09-949-016-5248	Sequence 5248, Appl	c 647	12	66.7	9401	6	PCT-US91-02225-9	Sequence 9, Appl
c 575	12	66.7	4700	2	US-09-928-692-16	Sequence 16, Appl	c 648	12	66.7	9413	3	US-09-827-688-6	Sequence 6, Appl
c 576	12	66.7	4700	2	US-08-950-460B-9	Sequence 9, Appl	c 649	12	66.7	9416	2	US-08-324-977-1	Sequence 1, Appl
c 577	12	66.7	4700	3	US-09-339-972-16	Sequence 16, Appl	c 650	12	66.7	9416	2	US-08-384-616-1	Sequence 1, Appl
c 578	12	66.7	5076	3	US-09-949-016-1616	Sequence 1616, Appl	c 651	12	66.7	9416	2	US-08-904-686A-1	Sequence 1, Appl
c 579	12	66.7	5124	3	US-09-534-638-2	Sequence 2, Appl	c 652	12	66.7	9416	2	US-08-811-566-19	Sequence 19, Appl
c 580	12	66.7	5185	3	US-09-976-594-640	Sequence 640, Appl	c 653	12	66.7	9416	3	US-09-315-850-1	Sequence 1, Appl
c 581	12	66.7	5307	3	US-09-949-016-203	Sequence 203, Appl	c 654	12	66.7	9416	3	US-09-034-756-19	Sequence 19, Appl
c 582	12	66.7	5427	3	US-09-009-913-2	Sequence 2, Appl	c 655	12	66.7	9416	3	US-08-823-895A-26	Sequence 26, Appl
c 583	12	66.7	5510	3	US-09-009-913-2	Sequence 3, Appl	c 656	12	66.7	9416	3	US-08-823-895A-27	Sequence 27, Appl
c 584	12	66.7	5667	3	US-09-009-913-4	Sequence 4, Appl	c 657	12	66.7	9416	3	US-10-104-966-13	Sequence 13, Appl
c 585	12	66.7	5667	3	US-09-009-913-4	Sequence 17, Appl	c 658	12	66.7	9416	3	US-09-929-955-13	Sequence 13, Appl
c 586	12	66.7	5860	3	US-10-066-130-17	Sequence 17, Appl	c 659	12	66.7	9455	3	US-09-949-016-15478	Sequence 15478, A
c 587	12	66.7	6139	3	US-08-843-076D-33	Sequence 33, Appl	c 660	12	66.7	9472	3	US-08-150-204E-96	Sequence 96, Appl
c 588	12	66.7	6704	3	US-09-949-002-85	Sequence 85, Appl	c 661	12	66.7	9506	3	US-09-949-016-16449	Sequence 16449, A
c 589	12	66.7	6714	3	US-09-949-002-246	Sequence 246, Appl	c 662	12	66.7	9558	3	US-09-949-016-13026	Sequence 13026, A
c 590	12	66.7	6717	3	US-10-082-272-1	Sequence 1, Appl	c 663	12	66.7	9595	3	US-09-014-416-4	Sequence 4, Appl
c 591	12	66.7	6728	3	US-09-949-016-13103	Sequence 13103, A	c 664	12	66.7	9599	3	US-09-014-416-2	Sequence 2, Appl
c 592	12	66.7	6800	3	US-09-949-016-14697	Sequence 14697, A	c 665	12	66.7	9599	3	US-09-014-416-6	Sequence 6, Appl
c 593	12	66.7	6816	3	US-09-404-650-1	Sequence 1, Appl	c 666	12	66.7	9646	3	US-08-811-566-1	Sequence 1, Appl
c 594	12	66.7	6816	3	US-09-935-541-1	Sequence 1, Appl	c 667	12	66.7	9646	3	US-09-034-756-1	Sequence 1, Appl
c 595	12	66.7	6855	3	US-10-425-800-1	Sequence 1, Appl	c 668	12	66.7	9813	3	US-09-949-016-13582	Sequence 13582, A
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c 597	12	66.7	6855	3	US-09-935-541-3	Sequence 3, Appl	c 670	12	66.7	9991	3	US-09-949-002-611	Sequence 611, Appl
c 598	12	66.7	6855	3	US-10-425-800-3	Sequence 3, Appl	c 671	12	66.7	10267	3	US-09-949-016-16529	Sequence 16529, A
c 599	12	66.7	7070	3	US-09-949-016-12469	Sequence 12469, A	c 672	12	66.7	10267	3	US-09-949-016-16530	Sequence 16530, A
c 600	12	66.7	7242	3	US-09-573-080A-38	Sequence 38, Appl	c 673	12	66.7	10453	3	US-08-949-016-12192	Sequence 12192, A
c 601	12	66.7	7242	3	US-09-573-080A-38	Sequence 38, Appl	c 674	12	66.7	10801	3	US-10-259-275-17	Sequence 17, Appl
c 602	12	66.7	7989	3	US-09-539-601-10	Sequence 10, Appl	c 675	12	66.7	10961	3	US-09-807-166-1	Sequence 1, Appl
c 603	12	66.7	7992	3	US-10-005-469-1	Sequence 1, Appl	c 676	12	66.7	11002	3	US-09-949-016-17471	Sequence 17471, A
c 604	12	66.7	7992	3	US-10-005-469-2	Sequence 2, Appl	c 677	12	66.7	11002	3	US-09-949-016-17472	Sequence 17472, A
c 605	12	66.7	7992	3	US-10-005-469-4	Sequence 4, Appl	c 678	12	66.7	11076	3	US-09-949-016-17473	Sequence 17473, A
c 606	12	66.7	7992	3	US-10-005-469-5	Sequence 5, Appl	c 679	12	66.7	11076	3	US-08-539-601-1	Sequence 1, Appl
c 607	12	66.7	7992	3	US-10-005-469-6	Sequence 6, Appl	c 680	12	66.7	11076	3	US-09-539-601-19	Sequence 19, Appl
c 608	12	66.7	7995	3	US-10-005-469-3	Sequence 3, Appl	c 681	12	66.7	11076	3	US-09-539-601-25	Sequence 25, Appl

c 682	12	66.7	11076	3	US-09-539-601-31	Sequence 31, Appl	c 755	12	66.7	51242	3	US-09-949-016-12486	Sequence 12486, A
c 683	12	66.7	11729	3	US-09-949-016-13247	Sequence 13247, A	c 756	12	66.7	51719	3	US-09-918-686-2	Sequence 2, Appli
c 684	12	66.7	11858	3	US-09-949-016-12443	Sequence 12443, A	c 757	12	66.7	53500	3	US-09-266-965-76	Sequence 76, Appl
c 685	12	66.7	12047	2	US-09-022-461-1	Sequence 1, Appli	c 758	12	66.7	58543	3	US-09-949-016-13565	Sequence 13565, A
c 686	12	66.7	12047	3	US-09-033-556-3	Sequence 3, Appli	c 759	12	66.7	63544	3	US-09-949-016-14025	Sequence 14025, A
c 687	12	66.7	12047	3	US-09-474-639-11	Sequence 11, Appl	c 760	12	66.7	65424	3	US-09-949-016-12426	Sequence 12426, A
c 688	12	66.7	12047	3	US-09-151-376-3	Sequence 3, Appli	c 761	12	66.7	65744	3	US-09-949-016-12591	Sequence 12591, A
c 689	12	66.7	12047	3	US-09-814-351-11	Sequence 11, Appl	c 762	12	66.7	65745	3	US-09-949-016-15871	Sequence 15871, A
c 690	12	66.7	12047	3	US-09-392-822A-4	Sequence 4, Appli	c 763	12	66.7	74804	3	US-09-949-016-15118	Sequence 15118, A
c 691	12	66.7	12047	3	US-09-814-357-11	Sequence 11, Appl	c 764	12	66.7	75295	3	US-09-949-002-575	Sequence 575, App
c 692	12	66.7	12047	3	US-09-875-228-1	Sequence 1, Appli	c 765	12	66.7	75296	3	US-09-949-002-799	Sequence 799, App
c 693	12	66.7	12270	3	US-09-949-016-16892	Sequence 16892, A	c 766	12	66.7	75395	3	US-09-984-890-3	Sequence 3, Appli
c 694	12	66.7	12270	3	US-09-949-002-830	Sequence 830, App	c 767	12	66.7	75395	3	US-10-274-194-3	Sequence 3, Appli
c 695	12	66.7	12603	3	US-09-949-016-17096	Sequence 17096, A	c 768	12	66.7	75395	3	US-10-760-407-3	Sequence 3, Appli
c 696	12	66.7	12980	3	US-08-811-566-5	Sequence 5, Appli	c 769	12	66.7	75395	3	US-09-949-002-578	Sequence 578, App
c 697	12	66.7	12980	3	US-09-034-756-5	Sequence 5, Appli	c 770	12	66.7	76638	3	US-09-949-002-803	Sequence 803, App
c 698	12	66.7	13674	2	US-08-852-807-1	Sequence 1, Appli	c 771	12	66.7	76638	3	US-09-949-002-803	Sequence 803, App
c 699	12	66.7	14315	3	US-09-949-016-12645	Sequence 12645, A	c 772	12	66.7	83428	3	US-09-949-016-13610	Sequence 13610, A
c 700	12	66.7	14315	3	US-09-949-016-16917	Sequence 16917, A	c 773	12	66.7	84916	3	US-09-949-016-14736	Sequence 14736, A
c 701	12	66.7	14817	3	US-09-949-016-13984	Sequence 13984, A	c 774	12	66.7	84916	3	US-09-949-016-14736	Sequence 14736, A
c 702	12	66.7	15116	3	US-09-949-016-12354	Sequence 12354, A	c 775	12	66.7	86414	3	US-09-949-016-12345	Sequence 12345, A
c 703	12	66.7	15117	3	US-09-949-016-16260	Sequence 16260, A	c 776	12	66.7	86414	3	US-09-949-016-15758	Sequence 15758, A
c 704	12	66.7	15229	3	US-09-949-016-14096	Sequence 14096, A	c 777	12	66.7	86439	3	US-09-949-016-11945	Sequence 11945, A
c 705	12	66.7	15454	3	US-09-949-016-16679	Sequence 16679, A	c 778	12	66.7	86440	3	US-09-949-016-16990	Sequence 16990, A
c 706	12	66.7	15704	3	US-09-949-016-17201	Sequence 17201, A	c 779	12	66.7	91232	3	US-09-949-016-14461	Sequence 14461, A
c 707	12	66.7	16541	3	US-09-949-016-16891	Sequence 16891, A	c 780	12	66.7	92139	3	US-09-949-002-607	Sequence 607, App
c 708	12	66.7	16541	3	US-09-949-002-829	Sequence 829, App	c 781	12	66.7	95179	3	US-09-918-686-1	Sequence 1, Appli
c 709	12	66.7	17226	3	US-09-902-540-1148	Sequence 1148, Ap	c 782	12	66.7	105679	3	US-09-949-016-12360	Sequence 12360, A
c 710	12	66.7	18079	3	US-09-949-016-13344	Sequence 13344, A	c 783	12	66.7	107800	3	US-09-949-016-13118	Sequence 13118, A
c 711	12	66.7	18620	3	US-09-949-016-13010	Sequence 13010, A	c 784	12	66.7	108440	3	US-09-949-016-12065	Sequence 12065, A
c 712	12	66.7	19025	3	US-09-849-334-3	Sequence 3, Appli	c 785	12	66.7	108440	3	US-09-949-016-14090	Sequence 14090, A
c 713	12	66.7	19025	3	US-10-274-878-3	Sequence 3, Appli	c 786	12	66.7	112874	3	US-09-949-016-13180	Sequence 13180, A
c 714	12	66.7	19025	3	US-10-697-266-3	Sequence 3, Appli	c 787	12	66.7	112874	3	US-09-949-016-13180	Sequence 13180, A
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c 716	12	66.7	20840	3	US-09-949-016-14115	Sequence 14115, A	c 789	12	66.7	118136	3	US-09-949-016-12439	Sequence 12439, A
c 717	12	66.7	20936	3	US-09-949-002-657	Sequence 657, App	c 790	12	66.7	118136	3	US-09-949-016-13453	Sequence 13453, A
c 718	12	66.7	20937	3	US-09-949-002-818	Sequence 818, App	c 791	12	66.7	121068	3	US-09-949-016-14138	Sequence 14138, A
c 719	12	66.7	22089	3	US-09-949-016-16890	Sequence 16890, A	c 792	12	66.7	128370	3	US-09-949-016-13765	Sequence 13765, A
c 720	12	66.7	22155	3	US-09-949-002-614	Sequence 614, App	c 793	12	66.7	128370	3	US-09-949-016-12257	Sequence 12257, A
c 721	12	66.7	22184	3	US-09-949-002-713	Sequence 713, App	c 794	12	66.7	129327	3	US-09-949-016-15368	Sequence 15368, A
c 722	12	66.7	23394	3	US-09-949-016-17131	Sequence 17131, A	c 795	12	66.7	129327	3	US-09-949-016-12707	Sequence 12707, A
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c 724	12	66.7	24563	3	US-09-949-016-13492	Sequence 13492, A	c 797	12	66.7	129778	3	US-09-949-016-13841	Sequence 13841, A
c 725	12	66.7	26050	3	US-09-949-016-17449	Sequence 17449, A	c 798	12	66.7	134008	3	US-09-949-016-17490	Sequence 17490, A
c 726	12	66.7	26433	3	US-09-949-016-15401	Sequence 15401, A	c 799	12	66.7	141115	3	US-09-949-016-15450	Sequence 15450, A
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c 729	12	66.7	29133	3	US-09-949-016-12694	Sequence 12694, A	c 802	12	66.7	150409	3	US-09-949-016-12290	Sequence 12290, A
c 730	12	66.7	29171	3	US-09-949-016-12283	Sequence 12283, A	c 803	12	66.7	160552	3	US-09-593-828-11	Sequence 11, Appl
c 731	12	66.7	29171	3	US-09-949-016-13509	Sequence 13509, A	c 804	12	66.7	160552	3	US-09-949-016-12707	Sequence 12707, A
c 732	12	66.7	29558	3	US-09-949-016-15607	Sequence 15607, A	c 805	12	66.7	190078	3	US-09-949-016-17026	Sequence 17026, A
c 733	12	66.7	31414	3	US-09-949-016-12717	Sequence 12717, A	c 806	12	66.7	190078	3	US-09-949-016-15436	Sequence 15436, A
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c 736	12	66.7	38479	3	US-09-949-016-16730	Sequence 16730, A	c 809	12	66.7	202310	3	US-09-949-016-12201	Sequence 12201, A
c 737	12	66.7	38657	3	US-09-949-016-14267	Sequence 14267, A	c 810	12	66.7	227390	3	US-09-949-016-13365	Sequence 13365, A
c 738	12	66.7	40168	3	US-09-949-016-13225	Sequence 13225, A	c 811	12	66.7	227391	3	US-09-949-016-13418	Sequence 13418, A
c 739	12	66.7	40905	3	US-09-949-016-16864	Sequence 16864, A	c 812	12	66.7	236474	3	US-09-949-016-15725	Sequence 15725, A
c 740	12	66.7	41815	3	US-09-949-016-17447	Sequence 17447, A	c 813	12	66.7	264358	3	US-09-949-016-14957	Sequence 14957, A
c 741	12	66.7	41815	3	US-09-949-016-14948	Sequence 14948, A	c 814	12	66.7	325034	3	US-09-949-016-11774	Sequence 11774, A
c 742	12	66.7	42610	3	US-09-949-016-13882	Sequence 13882, A	c 815	12	66.7	389504	3	US-09-949-016-15473	Sequence 15473, A
c 743	12	66.7	43375	3	US-09-949-016-12688	Sequence 12688, A	c 816	12	66.7	450395	3	US-09-949-016-15473	Sequence 15473, A
c 744	12	66.7	43376	3	US-09-949-016-15515	Sequence 15515, A	c 817	12	66.7	767677	3	US-09-949-016-12147	Sequence 12147, A
c 745	12	66.7	43717	3	US-09-949-016-16821	Sequence 16821, A	c 818	12	66.7	767677	3	US-09-949-016-17361	Sequence 17361, A
c 746	12	66.7	44378	3	US-09-949-016-12540	Sequence 12540, A	c 819	11	61.1	13	3	US-08-397-220B-97	Sequence 97, Appl
c 747	12	66.7	44608	3	US-09-949-016-15604	Sequence 15604, A	c 820	11	61.1	16	3	US-09-034-205-67	Sequence 67, Appl
c 748	12	66.7	45323	3	US-09-949-016-16142	Sequence 16142, A	c 821	11	61.1	16	3	US-09-034-205-67	Sequence 67, Appl
c 749	12	66.7	46885	3	US-09-949-016-13848	Sequence 13848, A	c 822	11	61.1	16	3	US-09-677-218B-68	Sequence 68, Appl
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c 751	12	66.7	47883	3	US-09-949-016-17213	Sequence 17213, A	c 824	11	61.1	16	3	US-09-677-192-67	Sequence 67, Appl
c 752	12	66.7	50000	3	US-09-146-053-3	Sequence 3, Appli	c 825	11	61.1	16	3	US-09-402-618B-67	Sequence 67, Appl
c 753	12	66.7	50062	3	US-09-949-016-13809	Sequence 13809, A	c 826	11	61.1	16	3	US-09-402-618B-68	Sequence 68, Appl
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c 974      11 61.1 220 3 US-09-488-799-96      Sequence 96, Appl
c 975      11 61.1 220 3 US-09-488-799-98      Sequence 98, Appl
c 976      11 61.1 220 3 US-09-493-795B-130      Sequence 130, Appl
c 977      11 61.1 220 3 US-09-493-795B-136      Sequence 136, Appl
c 978      11 61.1 220 3 US-09-493-795B-152      Sequence 152, Appl
c 979      11 61.1 220 3 US-09-493-795B-289      Sequence 289, Appl
c 980      11 61.1 220 3 US-09-908-741-92      Sequence 92, Appl
c 981      11 61.1 220 3 US-09-908-741-96      Sequence 96, Appl
c 982      11 61.1 220 3 US-09-908-741-98      Sequence 98, Appl
c 983      11 61.1 220 3 US-09-488-799-40      Sequence 40, Appl
c 984      11 61.1 221 3 US-09-908-741-40      Sequence 40, Appl
c 985      11 61.1 222 3 US-09-248-796A-6827      Sequence 6827, Ap
c 986      11 61.1 223 3 US-09-493-795B-64      Sequence 64, Appl
c 987      11 61.1 223 3 US-09-493-795B-68      Sequence 68, Appl
c 988      11 61.1 223 3 US-09-493-795B-70      Sequence 70, Appl
c 989      11 61.1 223 3 US-09-493-795B-72      Sequence 72, Appl
c 990      11 61.1 223 3 US-09-493-795B-134      Sequence 134, App
c 991      11 61.1 223 3 US-09-493-795B-291      Sequence 291, App
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c 993      11 61.1 226 3 US-09-488-799-88      Sequence 88, Appl
c 994      11 61.1 226 3 US-09-488-799-94      Sequence 94, Appl
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c 996      11 61.1 226 3 US-09-493-795B-92      Sequence 92, Appl
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c 998      11 61.1 226 3 US-09-908-741-88      Sequence 88, Appl
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c1000     11 61.1 227 3 US-09-493-795B-58      Sequence 58, Appl
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ALIGNMENTS

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RESULT 1
US-10-053-883-10
; Sequence 10, Application US/10053883
; Patent No. 6958217
; GENERAL INFORMATION:
; APPLICANT: PEDERSEN, Morten Lorentz
; TITLE OF INVENTION: ASSAY AND KIT FOR ANALYZING GENE EXPRESSION
; FILE REFERENCE: PEDERSEN-1A
; CURRENT APPLICATION NUMBER: US/10/053,883
; PRIOR FILING DATE: 2002-01-02
; PRIOR APPLICATION NUMBER: PA 2001 00126
; PRIOR FILING DATE: 2001-01-24
; PRIOR APPLICATION NUMBER: US 60/267,704
; PRIOR FILING DATE: 2001-02-12
; NUMBER OF SEQ ID NOS: 148
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 10
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic
; NAME/KEY: misc feature
; LOCATION: (12)..(29)
; OTHER INFORMATION: n is a, c, g or t
US-10-053-883-10
Query Match      83.3%; Score 15; DB 3; Length 29;
Best Local Similarity 86.7%; Pred. No. 26;
Matches 13; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy      4 GUCCUGGAGNNNNNN 18
      |:|:|:|:|:|:|:|
Db      3 GTCCTGGAGNNNNNN 17
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RESULT 2
US-10-053-883-11/c
; Sequence 11, Application US/10053883
; Patent No. 6958217
; GENERAL INFORMATION:
; APPLICANT: PEDERSEN, Morten Lorentz
; TITLE OF INVENTION: ASSAY AND KIT FOR ANALYZING GENE EXPRESSION
; FILE REFERENCE: PEDERSEN-1A
; CURRENT APPLICATION NUMBER: US/10/053,883
; PRIOR FILING DATE: 2002-01-02
; PRIOR APPLICATION NUMBER: PA 2001 00126
; PRIOR FILING DATE: 2001-01-24
; PRIOR APPLICATION NUMBER: US 60/267,704
; PRIOR FILING DATE: 2001-02-12
; NUMBER OF SEQ ID NOS: 148
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 10
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic
; NAME/KEY: misc feature
; LOCATION: (12)..(29)
; OTHER INFORMATION: n is a, c, g or t
US-10-053-883-11
Query Match      83.3%; Score 15; DB 3; Length 29;
Best Local Similarity 86.7%; Pred. No. 26;
Matches 13; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy      4 GUCCUGGAGNNNNNN 18
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Db      3 GTCCTGGAGNNNNNN 17
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RESULT 3
US-09-949-016-16910/c
; Sequence 16910, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CL001307
; CURRENT APPLICATION NUMBER: US/09/949,016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 16910
; LENGTH: 59479
; TYPE: DNA
; ORGANISM: Human
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)..(59479)
; OTHER INFORMATION: n = A,T,C or G
US-09-949-016-16910
Query Match      72.2%; Score 13; DB 3; Length 59479;
Best Local Similarity 92.3%; Pred. No. 1.4e+02;
Matches 12; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy      6 CCUGGAGNNNNNN 18
      |:|:|:|:|:|:|:|
Db      11936 CCTGGAGNNNNNN 11924
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RESULT 4
US-09-647-344A-43/c
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; Sequence 43, Application US/09647344A
; Patent No. 6586180
; GENERAL INFORMATION:
; APPLICANT: Ruffner, Duane E.
; APPLICANT: Pierce, Michael L.
; APPLICANT: Chen, Zhidong
; TITLE OF INVENTION: Directed Antisense Libraries
; FILE REFERENCE: T6678.PCT.US
; CURRENT APPLICATION NUMBER: US/09/647,344A
; CURRENT FILING DATE: 2000-12-04
; PRIOR APPLICATION NUMBER: PCT/US99/06742
; PRIOR FILING DATE: 1999-03-28
; NUMBER OF SEQ ID NOS: 50
; SEQ ID NO 43
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1..6--
; OTHER INFORMATION: A portion of an antisense library including a BpmI site.
US-09-647-344A-43

Query Match      66.7%; Score 12; DB 3; Length 12;
Best Local Similarity 91.7%; Pred. No. 1.2e+03;
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 7 CUGGAGNNNNN 18
Db 12 CTGGAGNNNNN 1

RESULT 5
US-08-650-093C-97/c
; Sequence 97, Application US/08650093C
; Patent No. 6391542
; GENERAL INFORMATION:
; APPLICANT: Kevin P. Anderson et al.
; TITLE OF INVENTION: Compositions And Methods For Treatment Of
; Hepatitis C Virus-Associated Diseases
; NUMBER OF SEQUENCES: 118
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LICATA & TYRRELL P.C.
; STREET: 66 E. Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows 95
; SOFTWARE: WORDPERFECT 6.1 for Windows
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/650,093C
; FILING DATE: 17-May-1996
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/452,841
; FILING DATE: May 30, 1995
; APPLICATION NUMBER: 08/397,220
; FILING DATE: March 9, 1995
; APPLICATION NUMBER: 07/945,289
; FILING DATE: September 10, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 779-2400
; TELEFAX: (609) 779-8488
; INFORMATION FOR SEQ ID NO: 97:
; SEQUENCE CHARACTERISTICS:
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; LENGTH: 14
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: No
; SEQUENCE DESCRIPTION: SEQ ID NO: 97:
US-08-650-093C-97

Query Match      66.7%; Score 12; DB 3; Length 14;
Best Local Similarity 83.3%; Pred. No. 1.2e+03;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCUUGGAG 12
Db 14 GGGGTCCTGGAG 3

RESULT 6
US-08-954-210-39
; Sequence 39, Application US/08954210
; Patent No. 6043077
; GENERAL INFORMATION:
; APPLICANT: Barber, Jack R.
; APPLICANT: Welch, Peter J.
; APPLICANT: Tritz, Richard
; APPLICANT: Yei, Soonpin
; APPLICANT: Yu, Mang
; TITLE OF INVENTION: HEPATITIS C VIRUS RIBOZYMES
; NUMBER OF SEQUENCES: 73
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SEED and BERRY LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: USA
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/954,210
; FILING DATE: 20-OCT-1997
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: McMasters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 480124.403C1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 39:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-954-210-39

Query Match      66.7%; Score 12; DB 3; Length 16;
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCUUGGAG 12
Db 3 GGGGUCUUGGAG 14

RESULT 7
US-09-431-419A-39
; Sequence 39, Application US/09431419A
; Patent No. 6458567
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; GENERAL INFORMATION:
; APPLICANT: Barber, Jack R.
; APPLICANT: Welch, Peter J.
; APPLICANT: Tritz, Richard
; APPLICANT: Yel, Soongpin
; APPLICANT: Yu, Mang
; TITLE OF INVENTION: HEPATITIS C VIRUS RIBOZYMES
; FILE REFERENCE: 480124.403C3
; CURRENT APPLICATION NUMBER: US/09/431,419A
; CURRENT FILING DATE: 1999-11-01
; NUMBER OF SEQ ID NOS: 73
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 39
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Hepatitis C Virus
; US-09-431-419A-39

Query Match      66.7%; Score 12; DB 3; Length 16;
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
Db 3 GGGGUCCUGGAG 14

RESULT 8
US-10-298-255-4/c
; Sequence 4, Application US/10298255
; Patent No. 6869769
; GENERAL INFORMATION:
; APPLICANT: BURGONE, LEIGH A.
; TITLE OF INVENTION: METHODS AND MATERIALS FOR DETECTING GENETIC MATERIAL
; FILE REFERENCE: 45858-56064
; CURRENT APPLICATION NUMBER: US/10/298,255
; CURRENT FILING DATE: 2002-11-15
; PRIOR APPLICATION NUMBER: 60/336,005
; PRIOR FILING DATE: 2001-11-15
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-298-255-4

Query Match      66.7%; Score 12; DB 3; Length 17;
Best Local Similarity 83.3%; Pred. No. 1.1e+03;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
Db 16 GGGGTCTCTGGAG 5

RESULT 9
US-09-782-361-14
; Sequence 14, Application US/09782361
; Patent No. 6811974
; GENERAL INFORMATION:
; APPLICANT: Hu, Yu-Wen
; TITLE OF INVENTION: PRIMER-SPECIFIC AND MISPAIR EXTENSION ASSAY FOR IDENTIFYING GEN
; TITLE OF INVENTION: VARIATION
; FILE REFERENCE: 2883-4757US
; CURRENT APPLICATION NUMBER: US/09/782,361
; CURRENT FILING DATE: 2001-02-13
; NUMBER OF SEQ ID NOS: 49
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 14
; LENGTH: 19

; GENERAL INFORMATION:
; APPLICANT: Barber, Jack R.
; APPLICANT: Welch, Peter J.
; APPLICANT: Tritz, Richard
; APPLICANT: Yel, Soongpin
; APPLICANT: Yu, Mang
; TITLE OF INVENTION: HEPATITIS C VIRUS RIBOZYMES
; FILE REFERENCE: 480124.403C3
; CURRENT APPLICATION NUMBER: US/09/431,419A
; CURRENT FILING DATE: 1999-11-01
; NUMBER OF SEQ ID NOS: 73
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 39
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Hepatitis C Virus
; US-09-431-419A-39

Query Match      66.7%; Score 12; DB 3; Length 19;
Best Local Similarity 83.3%; Pred. No. 1.1e+03;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
Db 2 GGGGTCTCTGGAG 13

RESULT 10
US-08-483-695-22/c
; Sequence 22, Application US/08483695
; Patent No. 5866139
; GENERAL INFORMATION:
; APPLICANT: Brechot, Christian
; APPLICANT: Kremendorf, Dina
; APPLICANT: Porchon, Colette
; TITLE OF INVENTION: Nucleotide and Peptide Sequences of a
; TITLE OF INVENTION: Hepatitis C Virus Isolate, Diagnostic and Therapeutic
; TITLE OF INVENTION: Applications
; NUMBER OF SEQUENCES: 46
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
; ADDRESSEE: Dunner
; STREET: 1300 I Street, N.W.
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20005-3315
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/483,695
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/965,285
; FILING DATE: 18-MAR-1993
; APPLICATION NUMBER: FR 91 06 882
; FILING DATE: 06-JUN-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Meyers, Kenneth J.
; REGISTRATION NUMBER: 25,146
; REFERENCE/DOCKET NUMBER: 05286-0001-00000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-408-4000
; TELEFAX: 202-408-4400
; INFORMATION FOR SEQ ID NO: 22:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other
; DESCRIPTION: DNA probe
US-08-483-695-22

Query Match      66.7%; Score 12; DB 2; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.1e+03;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
Db 19 GGGGTCTCTGGAG 8
```

```
RESULT 11
US-07-965-285-22/c
; Sequence 22, Application US/07965285
; Patent No. 5879904
; GENERAL INFORMATION:
; APPLICANT: Brechot, Christian
; APPLICANT: Kremendorf, Dina
; APPLICANT: Porchon, Colette
; TITLE OF INVENTION: Nucleotide and Peptide Sequences of a
; TITLE OF INVENTION: Hepatitis C Virus Isolate, Diagnostic and Therapeutic
; TITLE OF INVENTION: Applications
; NUMBER OF SEQUENCES: 46
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
; ADDRESSEE: Dunner
; STREET: 1300 I Street, N.W.
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20005-3315
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/965,285
; FILING DATE: 18-MAR-1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: FR 91 06 882
; FILING DATE: 06-JUN-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Meyers, Kenneth J.
; REGISTRATION NUMBER: 25,146
; REFERENCE/DOCKET NUMBER: 05286-0001-00000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-408-4400
; TELEFAX: 202-408-4400
; INFORMATION FOR SEQ ID NO: 22:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other
; DESCRIPTION: DNA probe
US-07-965-285-22

Query Match 66.7%; Score 12; DB 2; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.1e+03;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
Db 19 GGGGTCTCTGGAG 8
||||:|||||

RESULT 12
US-08-487-231-22/c
; Sequence 22, Application US/08487231
; Patent No. 5919454
; GENERAL INFORMATION:
; APPLICANT: Brechot, Christian
; APPLICANT: Kremendorf, Dina
; APPLICANT: Porchon, Colette
; TITLE OF INVENTION: Nucleotide and Peptide Sequences of a
; TITLE OF INVENTION: Hepatitis C Virus Isolate, Diagnostic and Therapeutic
; TITLE OF INVENTION: Applications
; NUMBER OF SEQUENCES: 46
; CORRESPONDENCE ADDRESS:
```

```
; ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
; ADDRESSEE: Dunner
; STREET: 1300 I Street, N.W.
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20005-3315
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/487,231
; FILING DATE: 07-JUNE-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/965,285
; FILING DATE: 18-MAR-1993
; CLASSIFICATION: 435
; APPLICATION NUMBER: FR 91 06 882
; FILING DATE: 06-JUN-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Meyers, Kenneth J.
; REGISTRATION NUMBER: 25,146
; REFERENCE/DOCKET NUMBER: 05286-0001-02000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-408-4000
; TELEFAX: 202-408-4400
; INFORMATION FOR SEQ ID NO: 22:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other
; DESCRIPTION: DNA probe
US-08-487-231-22

Query Match 66.7%; Score 12; DB 2; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.1e+03;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
Db 19 GGGGTCTCTGGAG 8
||||:|||||

RESULT 13
US-09-201-912-22/c
; Sequence 22, Application US/09201912
; Patent No. 6210962
; GENERAL INFORMATION:
; APPLICANT: Brechot, Christian
; APPLICANT: Kremendorf, Dina
; APPLICANT: Porchon, Colette
; TITLE OF INVENTION: Nucleotide and Peptide Sequences of a
; TITLE OF INVENTION: Hepatitis C Virus Isolate, Diagnostic and Therapeutic
; TITLE OF INVENTION: Applications
; NUMBER OF SEQUENCES: 46
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
; ADDRESSEE: Dunner
; STREET: 1300 I Street, N.W.
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20005-3315
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
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; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/201,912
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/965,285
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Meyers, Kenneth J.
; REGISTRATION NUMBER: 25,146
; REFERENCES/DOCKET NUMBER: 05286-0001-00000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-408-4000
; TELEFAX: 202-408-4400
; INFORMATION FOR SEQ ID NO: 22:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other
; DESCRIPTION: DNA probe
;
US-09-201-912-22

Query Match 66.7%; Score 12; DB 3; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.1e+03;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
Db 19 GGGGTCTGGAG 8

RESULT 14
US-08-397-220B-38
; Sequence 38, Application US/08397220B
; Patent No. 6284458
; GENERAL INFORMATION:
; APPLICANT: Anderson et al.
; TITLE OF INVENTION: Compositions And Methods For Treatment
; Of Hepatitis C Virus-Associated Diseases
;
; NUMBER OF SEQUENCES: 98
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jane Massey Licata, Esq.
; STREET: 210 Lake Drive East, Suite 201
; CITY: Cherry Hill
; STATE: NJ
; COUNTRY: USA
; ZIP: 08002
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM 486
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/397,220B
; FILING DATE: 09-Mar-1995
; CLASSIFICATION: <Unknown>
;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/JP93/01293
; FILING DATE: 10-Sep-93
; APPLICATION NUMBER: JP 5-87195
; FILING DATE: 14-Apr-93
; APPLICATION NUMBER: 07/945,289
; FILING DATE: 10-Sep-92
;
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCES/DOCKET NUMBER: ISPH-0031
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 779-2400
; TELEFAX: (609) 779-8488
```

```
; INFORMATION FOR SEQ ID NO: 38:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
;
; SEQUENCE DESCRIPTION: SEQ ID NO: 38:
US-08-397-220B-38

Query Match 66.7%; Score 12; DB 3; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.1e+03;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
Db 1 GGGGTCTGGAG 12

RESULT 15
US-08-397-220B-39
; Sequence 39, Application US/08397220B
; Patent No. 6284458
; GENERAL INFORMATION:
; APPLICANT: Anderson et al.
; TITLE OF INVENTION: Compositions And Methods For Treatment
; Of Hepatitis C Virus-Associated Diseases
;
; NUMBER OF SEQUENCES: 98
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jane Massey Licata, Esq.
; STREET: 210 Lake Drive East, Suite 201
; CITY: Cherry Hill
; STATE: NJ
; COUNTRY: USA
; ZIP: 08002
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM 486
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/397,220B
; FILING DATE: 09-Mar-1995
; CLASSIFICATION: <Unknown>
;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/JP93/01293
; FILING DATE: 10-Sep-93
; APPLICATION NUMBER: JP 5-87195
; FILING DATE: 14-Apr-93
; APPLICATION NUMBER: 07/945,289
; FILING DATE: 10-Sep-92
;
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCES/DOCKET NUMBER: ISPH-0031
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 779-2400
; TELEFAX: (609) 779-8488
;
; INFORMATION FOR SEQ ID NO: 39:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
;
; SEQUENCE DESCRIPTION: SEQ ID NO: 39:
US-08-397-220B-39

Query Match 66.7%; Score 12; DB 3; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.1e+03;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
```

```
Db          ||||:||||:|
3 GGGGTCCTGGAG 14

RESULT 16
US-08-397-220B-40
; Sequence 40, Application US/08397220B
; Patent No. 6284458
; GENERAL INFORMATION:
; APPLICANT: Anderson et al.
; TITLE OF INVENTION: Compositions And Methods For Treatment
; Of Hepatitis C Virus-Associated Diseases
; NUMBER OF SEQUENCES: 98
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jane Massey Licata, Esq.
; STREET: 210 Lake Drive East, Suite 201
; CITY: Cherry Hill
; STATE: NJ
; COUNTRY: USA
; ZIP: 08002
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM 486
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/397,220B
; FILING DATE: 09-Mar-1995
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/JP93/01293
; FILING DATE: 10-Sep-93
; APPLICATION NUMBER: JP 5-87195
; FILING DATE: 14-Apr-93
; APPLICATION NUMBER: 07/945,289
; FILING DATE: 10-Sep-92
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0031
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 779-2400
; TELEFAX: (609) 779-8488
; INFORMATION FOR SEQ ID NO: 40:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; SEQUENCE DESCRIPTION: SEQ ID NO: 40:
US-08-397-220B-40

Query Match          66.7%; Score 12; DB 3; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.1e+03;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      1 GGGGUCCUGGAG 12
Db      5 GGGGTCCTGGAG 16

RESULT 17
US-08-397-220B-41
; Sequence 41, Application US/08397220B
; Patent No. 6284458
; GENERAL INFORMATION:
; APPLICANT: Anderson et al.
; TITLE OF INVENTION: Compositions And Methods For Treatment
; Of Hepatitis C Virus-Associated Diseases
; NUMBER OF SEQUENCES: 98
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jane Massey Licata, Esq.
```

```
; STREET: 210 Lake Drive East, Suite 201
; CITY: Cherry Hill
; STATE: NJ
; COUNTRY: USA
; ZIP: 08002
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM 486
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/397,220B
; FILING DATE: 09-Mar-1995
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/JP93/01293
; FILING DATE: 10-Sep-93
; APPLICATION NUMBER: JP 5-87195
; FILING DATE: 14-Apr-93
; APPLICATION NUMBER: 07/945,289
; FILING DATE: 10-Sep-92
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0031
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 779-2400
; TELEFAX: (609) 779-8488
; INFORMATION FOR SEQ ID NO: 41:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; SEQUENCE DESCRIPTION: SEQ ID NO: 41:
US-08-397-220B-41

Query Match          66.7%; Score 12; DB 3; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.1e+03;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      1 GGGGUCCUGGAG 12
Db      7 GGGGTCCTGGAG 18

RESULT 18
US-08-397-220B-44
; Sequence 44, Application US/08397220B
; Patent No. 6284458
; GENERAL INFORMATION:
; APPLICANT: Anderson et al.
; TITLE OF INVENTION: Compositions And Methods For Treatment
; Of Hepatitis C Virus-Associated Diseases
; NUMBER OF SEQUENCES: 98
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jane Massey Licata, Esq.
; STREET: 210 Lake Drive East, Suite 201
; CITY: Cherry Hill
; STATE: NJ
; COUNTRY: USA
; ZIP: 08002
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM 486
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/397,220B
; FILING DATE: 09-Mar-1995
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
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; APPLICATION NUMBER: PCT/JP93/01293
; FILING DATE: 10-Sep-93
; APPLICATION NUMBER: JP 5-87195
; FILING DATE: 14-Apr-93
; APPLICATION NUMBER: 07/945,289
; FILING DATE: 10-Sep-92
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0031
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 779-2400
; TELEFAX: (609) 779-8488
; INFORMATION FOR SEQ ID NO: 44:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; SEQUENCE DESCRIPTION: SEQ ID NO: 44:
US-08-397-220B-44

Query Match 66.7%; Score 12; DB 3; Length 20;
Best Local Similarity 83.3%; Pred. NO. 1.1e+03;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
Db 9 GGGGTCCTGGAG 20

RESULT 19
US-08-650-093C-38
; Sequence 38, Application US/08650093C
; Patent No. 6391542
; GENERAL INFORMATION:
; APPLICANT: Kevin P. Anderson et al.
; TITLE OF INVENTION: Compositions And Methods For Treatment Of
; Hepatitis C Virus-Associated Diseases
; NUMBER OF SEQUENCES: 118
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LICATA & TYRRELL P.C.
; STREET: 66 E. Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows 95
; SOFTWARE: WORDPERFECT 6.1 for Windows
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/650,093C
; FILING DATE: 17-May-1996
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/452,841
; FILING DATE: May 30, 1995
; APPLICATION NUMBER: 08/397,220
; FILING DATE: March 9, 1995
; APPLICATION NUMBER: 07/945,289
; FILING DATE: September 10, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 779-2400
; TELEFAX: (609) 779-8488
; INFORMATION FOR SEQ ID NO: 38:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; SEQUENCE DESCRIPTION: SEQ ID NO: 38:
US-08-650-093C-39

Query Match 66.7%; Score 12; DB 3; Length 20;
Best Local Similarity 83.3%; Pred. NO. 1.1e+03;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
Db 3 GGGGTCCTGGAG 14

RESULT 20
US-08-650-093C-39
; Sequence 39, Application US/08650093C
; Patent No. 6391542
; GENERAL INFORMATION:
; APPLICANT: Kevin P. Anderson et al.
; TITLE OF INVENTION: Compositions And Methods For Treatment Of
; Hepatitis C Virus-Associated Diseases
; NUMBER OF SEQUENCES: 118
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LICATA & TYRRELL P.C.
; STREET: 66 E. Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows 95
; SOFTWARE: WORDPERFECT 6.1 for Windows
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/650,093C
; FILING DATE: 17-May-1996
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/452,841
; FILING DATE: May 30, 1995
; APPLICATION NUMBER: 08/397,220
; FILING DATE: March 9, 1995
; APPLICATION NUMBER: 07/945,289
; FILING DATE: September 10, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 779-2400
; TELEFAX: (609) 779-8488
; INFORMATION FOR SEQ ID NO: 39:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; SEQUENCE DESCRIPTION: SEQ ID NO: 39:
US-08-650-093C-39

Query Match 66.7%; Score 12; DB 3; Length 20;
Best Local Similarity 83.3%; Pred. NO. 1.1e+03;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
Db 3 GGGGTCCTGGAG 14
```



```
RESULT 21
US-08-650-093C-40
; Sequence 40, Application US/08650093C
; Patent No. 6391542
; GENERAL INFORMATION:
; APPLICANT: Kevin P. Anderson et al.
; TITLE OF INVENTION: Hepatitis C Virus-Associated Diseases
; NUMBER OF SEQUENCES: 118
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LICATA & TYRRELL P.C.
; STREET: 66 E. Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows 95
; SOFTWARE: WORDPERFECT 6.1 for Windows
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/650,093C
; FILING DATE: 17-May-1996
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/452,841
; FILING DATE: May 30, 1995
; APPLICATION NUMBER: 08/397,220
; FILING DATE: March 9, 1995
; APPLICATION NUMBER: 07/945,289
; FILING DATE: September 10, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 779-8488
; TELEFAX: (609) 779-2400
; INFORMATION FOR SEQ ID NO: 40:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; SEQUENCE DESCRIPTION: SEQ ID NO: 40:
US-08-650-093C-40
Query Match 66.7%; Score 12; DB 3; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.1e+03;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
Db 5 GGGGTCTCGGAG 16

RESULT 22
US-08-650-093C-41
; Sequence 41, Application US/08650093C
; Patent No. 6391542
; GENERAL INFORMATION:
; APPLICANT: Kevin P. Anderson et al.
; TITLE OF INVENTION: Hepatitis C Virus-Associated Diseases
; NUMBER OF SEQUENCES: 118
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LICATA & TYRRELL P.C.
; STREET: 66 E. Main Street
; CITY: Marlton
```

```
STATE: NJ
COUNTRY: USA
ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows 95
; SOFTWARE: WORDPERFECT 6.1 for Windows
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/650,093C
; FILING DATE: 17-May-1996
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/452,841
; FILING DATE: May 30, 1995
; APPLICATION NUMBER: 08/397,220
; FILING DATE: March 9, 1995
; APPLICATION NUMBER: 07/945,289
; FILING DATE: September 10, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 779-8488
; TELEFAX: (609) 779-2400
; INFORMATION FOR SEQ ID NO: 41:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; SEQUENCE DESCRIPTION: SEQ ID NO: 41:
US-08-650-093C-41
Query Match 66.7%; Score 12; DB 3; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.1e+03;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
Db 7 GGGGTCTCGGAG 18

RESULT 23
US-08-650-093C-44
; Sequence 44, Application US/08650093C
; Patent No. 6391542
; GENERAL INFORMATION:
; APPLICANT: Kevin P. Anderson et al.
; TITLE OF INVENTION: Hepatitis C Virus-Associated Diseases
; NUMBER OF SEQUENCES: 118
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LICATA & TYRRELL P.C.
; STREET: 66 E. Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows 95
; SOFTWARE: WORDPERFECT 6.1 for Windows
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/650,093C
; FILING DATE: 17-May-1996
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/452,841
; FILING DATE: May 30, 1995
```

; APPLICATION NUMBER: 08/397,220
; FILING DATE: March 9, 1995
; APPLICATION NUMBER: 07/945,289
; FILING DATE: September 10, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 779-2400
; TELEFAX: (609) 779-8488
; INFORMATION FOR SEQ ID NO: 44:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; SEQUENCE DESCRIPTION: SEQ ID NO: 44:
US-08-650-093C-44

Query Match 66.7%; Score 12; DB 3; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.1e+03;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
Db 9 GGGGTCCTGGAG 20

RESULT 24
US-09-647-344A-49/c
; Sequence 49, Application US/09647344A
; Patent No. 6586180

; GENERAL INFORMATION:
; APPLICANT: Ruffner, Duane E.
; APPLICANT: Pierce, Michael L.
; APPLICANT: Chen, Zhidong
; TITLE OF INVENTION: Directed Antisense Libraries
; FILE REFERENCE: T6678.PCT.US
; CURRENT APPLICATION NUMBER: US/09/647,344A
; PRIOR FILING DATE: 2000-12-04
; PRIOR APPLICATION NUMBER: PCT/US99/06742
; PRIOR FILING DATE: 1999-03-28
; NUMBER OF SEQ ID NOS: 50
; SEQ ID NO 49
; LENGTH: 20

; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1..14
; OTHER INFORMATION: Deletion fragment in a deletion fragment library, including a por
US-09-647-344A-49

Query Match 66.7%; Score 12; DB 3; Length 20;
Best Local Similarity 91.7%; Pred. No. 1.1e+03;
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 7 CUGGAGNNNNN 18
Db 20 CTGGAGNNNNN 9

RESULT 25
US-10-259-275-7/c
; Sequence 7, Application US/10259275
; Patent No. 6921634

; GENERAL INFORMATION:
; APPLICANT: Lemon, Stanley M.
; APPLICANT: Yi, Minkyung
; TITLE OF INVENTION: REPLICATION COMPETENT HEPATITIS C VIRUS AND METHODS OF USE
; FILE REFERENCE: 265.0007 0120

; CURRENT APPLICATION NUMBER: US/10/259,275
; CURRENT FILING DATE: 2003-01-13
; PRIOR APPLICATION NUMBER: US 60/171,909
; PRIOR FILING DATE: 1999-12-23
; PRIOR APPLICATION NUMBER: US 09/747,419
; PRIOR FILING DATE: 2000-12-23
; PRIOR APPLICATION NUMBER: US 60/325,236
; PRIOR FILING DATE: 2001-09-27
; PRIOR APPLICATION NUMBER: US 60/338,123
; PRIOR FILING DATE: 2001-11-13
; NUMBER OF SEQ ID NOS: 73
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 7
; LENGTH: 21
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Red probe
; FEATURE:
; NAME/KEY: misc difference
; LOCATION: (1)-(1)
; OTHER INFORMATION: LC640 labeled
US-10-259-275-7

Query Match 66.7%; Score 12; DB 3; Length 21;
Best Local Similarity 83.3%; Pred. No. 1.1e+03;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
Db 21 GGGGTCCTGGAG 10

RESULT 26
US/09/647/c

; Sequence 38, Application US/09647344A
; Patent No. 6586180
; GENERAL INFORMATION:
; APPLICANT: Ruffner, Duane E.
; APPLICANT: Pierce, Michael L.
; APPLICANT: Chen, Zhidong
; TITLE OF INVENTION: Directed Antisense Libraries
; FILE REFERENCE: T6678.PCT.US
; CURRENT APPLICATION NUMBER: US/09/647,344A
; CURRENT FILING DATE: 2000-12-04
; PRIOR APPLICATION NUMBER: PCT/US99/06742
; PRIOR FILING DATE: 1999-03-28
; NUMBER OF SEQ ID NOS: 50
; SEQ ID NO 38
; LENGTH: 22

; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1..16
; OTHER INFORMATION: Portion of an intermediate in the making of a deletion library, i
US/09/647,344A-38

Query Match 66.7%; Score 12; DB 3; Length 22;
Best Local Similarity 91.7%; Pred. No. 1.1e+03;
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 7 CUGGAGNNNNN 18
Db 22 CTGGAGNNNNN 11

RESULT 27

US-09-906-768A-9
; Sequence 9, Application US/09906768A
; Patent No. 6893854
; GENERAL INFORMATION:
; APPLICANT: Fermentas AB

```
; TITLE OF INVENTION: Nuclease
; FILE REFERENCE: 068800-0281532
; CURRENT APPLICATION NUMBER: US/09/906,768A
; CURRENT FILING DATE: 2001-07-18
; PRIOR APPLICATION NUMBER: GB 0019744.2
; PRIOR FILING DATE: 2000-08-10
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 9
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Restriction endonuclease recognition sequence
; FEATURE:
; NAME/KEY: misc_binding
; LOCATION: (1)..(22)
; OTHER INFORMATION: Recognition sequence of Gsui
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (7)..(22)
; OTHER INFORMATION: n is A, C, G or T
US-09-906-768A-9
```

```
Query Match 66.7%; Score 12; DB 3; Length 22;
Best Local Similarity 91.7%; Pred. No. 1.1e+03;
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 7 CUGGAGNNNNNN 18
|:|||||
Db 1 CTGGAGNNNNNN 12
```

RESULT 28

```
US-10-053-883-111
; Sequence 111, Application US/10053883
; Patent No. 6958217
; GENERAL INFORMATION:
; APPLICANT: PEDERSEN, Morten Lorentz
; TITLE OF INVENTION: ASSAY AND KIT FOR ANALYZING GENE EXPRESSION
; FILE REFERENCE: PEDERSEN-1A
; CURRENT APPLICATION NUMBER: US/10/053,883
; CURRENT FILING DATE: 2002-01-02
; PRIOR APPLICATION NUMBER: PA 2001 00126
; PRIOR FILING DATE: 2001-01-24
; PRIOR APPLICATION NUMBER: US 60/267,704
; PRIOR FILING DATE: 2001-02-12
; NUMBER OF SEQ ID NOS: 148
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 111
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (7)..(23)
; OTHER INFORMATION: n is a, c, g or t
US-10-053-883-111
```

```
Query Match 66.7%; Score 12; DB 3; Length 23;
Best Local Similarity 91.7%; Pred. No. 1.1e+03;
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 7 CUGGAGNNNNNN 18
|:|||||
Db 1 CTGGAGNNNNNN 12
```

RESULT 29

```
US-10-053-883-112/c
; Sequence 112, Application US/10053883
```

```
; Patent No. 6958217
; GENERAL INFORMATION:
; APPLICANT: PEDERSEN, Morten Lorentz
; TITLE OF INVENTION: ASSAY AND KIT FOR ANALYZING GENE EXPRESSION
; FILE REFERENCE: PEDERSEN-1A
; CURRENT APPLICATION NUMBER: US/10/053,883
; CURRENT FILING DATE: 2002-01-02
; PRIOR APPLICATION NUMBER: PA 2001 00126
; PRIOR FILING DATE: 2001-01-24
; PRIOR APPLICATION NUMBER: US 60/267,704
; PRIOR FILING DATE: 2001-02-12
; NUMBER OF SEQ ID NOS: 148
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 112
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(17)
; OTHER INFORMATION: n is a, c, g or t
US-10-053-883-112
```

```
Query Match 66.7%; Score 12; DB 3; Length 23;
Best Local Similarity 91.7%; Pred. No. 1.1e+03;
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 7 CUGGAGNNNNNN 18
|:|||||
Db 23 CTGGAGNNNNNN 12
```

RESULT 30

```
US-08-639-080-22
; Sequence 22, Application US/08639080
; Patent No. 5843661
; GENERAL INFORMATION:
; APPLICANT: Rothmund, Paul W.K.
; TITLE OF INVENTION: METHOD FOR CONSTRUCTING UNIVERSAL DNA
; TITLE OF INVENTION: BASED MOLECULAR TURING MACHINE
; NUMBER OF SEQUENCES: 31
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 4225 Executive Square, Ste 1400
; CITY: La Jolla
; STATE: CA
; COUNTRY: USA
; ZIP: 92037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/639,080
; FILING DATE: April 24, 1996
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Harris, Scott C.
; REGISTRATION NUMBER: 32,030
; REFERENCE/DOCKET NUMBER: 06618/129001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 678-5070
; TELEFAX: (619) 678-5099
; TELEX:
; INFORMATION FOR SEQ ID NO: 22:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
```

; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: oligonucleotide
; FEATURE:
; LOCATION: 7-24
; OTHER INFORMATION: where N at positions 6-13 can be adenine,
; OTHER INFORMATION: guanine, cytosine, thymine or uracil
US-08-639-080-22

Query Match 66.7%; Score 12; DB 2; Length 24;
Best Local Similarity 91.7%; Pred. No. 1.1e+03;
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 7 CUGGAGNNNNNN 18
|:|||||
Db 1 CTGGAGNNNNNN 12

RESULT 31
US/09/647/c

; Sequence 39, Application US/09647344A
; Patent No. 6586180
; GENERAL INFORMATION:
; APPLICANT: Ruffner, Duane E.
; APPLICANT: Pierce, Michael L.
; APPLICANT: Chen, Zhidong
; TITLE OF INVENTION: Directed Antisense Libraries
; FILE REFERENCE: T6678.PCT.US
; CURRENT APPLICATION NUMBER: US/09/647,344A
; PRIOR FILING DATE: 2000-12-04
; PRIOR APPLICATION NUMBER: PCT/US99/06742
; PRIOR FILING DATE: 1999-03-28
; NUMBER OF SEQ ID NOS: 50
; SEQ ID NO 39
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 6..19
; OTHER INFORMATION: 14 bp variable sequence fragment of a deletion library including
US/09/647,344A-39

Query Match 66.7%; Score 12; DB 3; Length 25;
Best Local Similarity 91.7%; Pred. No. 1.1e+03;
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 7 CUGGAGNNNNNN 18
|:|||||
Db 25 CTGGAGNNNNNN 14

RESULT 32
US-09-647-344A-47/c

; Sequence 47, Application US/09647344A
; Patent No. 6586180
; GENERAL INFORMATION:
; APPLICANT: Ruffner, Duane E.
; APPLICANT: Pierce, Michael L.
; APPLICANT: Chen, Zhidong
; TITLE OF INVENTION: Directed Antisense Libraries
; FILE REFERENCE: T6678.PCT.US
; CURRENT APPLICATION NUMBER: US/09/647,344A
; CURRENT FILING DATE: 2000-12-04
; PRIOR APPLICATION NUMBER: PCT/US99/06742
; PRIOR FILING DATE: 1999-03-28
; NUMBER OF SEQ ID NOS: 50
; SEQ ID NO 47
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 14..19

; OTHER INFORMATION: Sequence flanking the chloramphenicol (CAT) gene after insertion
; Patent No. 6586180
US-09-647-344A-47

Query Match 66.7%; Score 12; DB 3; Length 25;
Best Local Similarity 91.7%; Pred. No. 1.1e+03;
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 7 CUGGAGNNNNNN 18
|:|||||
Db 25 CTGGAGNNNNNN 14

RESULT 33

US-08-397-220B-98/c
; Sequence 98, Application US/08397220B
; Patent No. 6284458
; GENERAL INFORMATION:
; APPLICANT: Anderson et al.
; TITLE OF INVENTION: Compositions And Methods For Treatment
; OF Hepatitis C Virus-Associated Diseases
; NUMBER OF SEQUENCES: 98
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jane Massey Licata, Esq.
; STREET: 210 Lake Drive East, Suite 201
; CITY: Cherry Hill
; STATE: NJ
; COUNTRY: USA
; ZIP: 08002
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM 486
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/397,220B
; FILING DATE: 09-Mar-1995
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/JP93/01293
; FILING DATE: 10-Sep-93
; APPLICATION NUMBER: JP 5-87195
; FILING DATE: 14-Apr-93
; APPLICATION NUMBER: 07/945,289
; FILING DATE: 10-Sep-92
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0031
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 779-2400
; TELEFAX: (609) 779-8488
; INFORMATION FOR SEQ ID NO: 98:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 26
; TYPE: nucleic acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: No
; SEQUENCE DESCRIPTION: SEQ ID NO: 98:
US-08-397-220B-98

Query Match 66.7%; Score 12; DB 3; Length 26;
Best Local Similarity 83.3%; Pred. No. 1.1e+03;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
|:|||||
Db 20 GGGGTCCTGGAG 9

RESULT 34
US-08-650-093C-98/c

```
; Sequence 98, Application US/08650093C
; Patent No. 6391542
; GENERAL INFORMATION:
; APPLICANT: Kevin P. Anderson et al.
; TITLE OF INVENTION: Compositions And Methods For Treatment Of
; Hepatitis C Virus-Associated Diseases
; NUMBER OF SEQUENCES: 118
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LICATA & TYRRELL P.C.
; STREET: 66 E. Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows 95
; SOFTWARE: WORDPERFECT 6.1 for Windows
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/650,093C
; FILING DATE: 17-May-1996
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/452,841
; FILING DATE: May 30, 1995
; APPLICATION NUMBER: 08/397,220
; FILING DATE: March 9, 1995
; APPLICATION NUMBER: 07/945,289
; FILING DATE: September 10, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 779-2400
; TELEFAX: (609) 779-8488
; INFORMATION FOR SEQ ID NO: 98:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 26
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: No
; SEQUENCE DESCRIPTION: SEQ ID NO: 98:
US-08-650-093C-98

Query Match 66.7%; Score 12; DB 3; Length 26;
Best Local Similarity 83.3%; Pred. No. 1.1e+03;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
Db 20 GGGGTCCTGGAG 9
|||||:|||||

RESULT 35
US-10-053-883-12
; Sequence 12, Application US/10053883
; Patent No. 6958217
; GENERAL INFORMATION:
; APPLICANT: PEDERSEN, Morten Lorentz
; TITLE OF INVENTION: ASSAY AND KIT FOR ANALYZING GENE EXPRESSION
; FILE REFERENCE: PEDERSEN=1A
; CURRENT APPLICATION NUMBER: US/10/053,883
; CURRENT FILING DATE: 2002-01-02
; PRIOR APPLICATION NUMBER: PA 2001 00126
; PRIOR FILING DATE: 2001-01-24
; PRIOR APPLICATION NUMBER: US 60/267,704
; PRIOR FILING DATE: 2001-02-12
; NUMBER OF SEQ ID NOS: 148
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 12
; SEQUENCE CHARACTERISTICS:
; LENGTH: 26
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: No
; SEQUENCE DESCRIPTION: SEQ ID NO: 98:
US-08-650-093C-98

Query Match 66.7%; Score 12; DB 3; Length 26;
Best Local Similarity 83.3%; Pred. No. 1.1e+03;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
Db 20 GGGGTCCTGGAG 9
|||||:|||||

RESULT 35
US-10-053-883-12
; Sequence 12, Application US/10053883
; Patent No. 6958217
; GENERAL INFORMATION:
; APPLICANT: PEDERSEN, Morten Lorentz
; TITLE OF INVENTION: ASSAY AND KIT FOR ANALYZING GENE EXPRESSION
; FILE REFERENCE: PEDERSEN=1A
; CURRENT APPLICATION NUMBER: US/10/053,883
; CURRENT FILING DATE: 2002-01-02
; PRIOR APPLICATION NUMBER: PA 2001 00126
; PRIOR FILING DATE: 2001-01-24
; PRIOR APPLICATION NUMBER: US 60/267,704
; PRIOR FILING DATE: 2001-02-12
; NUMBER OF SEQ ID NOS: 148
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 12
```

```
; LENGTH: 27
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (11)..(27)
; OTHER INFORMATION: n is a, c, g or t
US-10-053-883-12

Query Match 66.7%; Score 12; DB 3; Length 27;
Best Local Similarity 91.7%; Pred. No. 1.1e+03;
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 7 CUGGAGNNNNNN 18
Db 5 CTGGAGNNNNNN 16
|:|||||:|||||

RESULT 36
US-10-053-883-13/c
; Sequence 13, Application US/10053883
; Patent No. 6958217
; GENERAL INFORMATION:
; APPLICANT: PEDERSEN, Morten Lorentz
; TITLE OF INVENTION: ASSAY AND KIT FOR ANALYZING GENE EXPRESSION
; FILE REFERENCE: PEDERSEN=1A
; CURRENT APPLICATION NUMBER: US/10/053,883
; CURRENT FILING DATE: 2002-01-02
; PRIOR APPLICATION NUMBER: PA 2001 00126
; PRIOR FILING DATE: 2001-01-24
; PRIOR APPLICATION NUMBER: US 60/267,704
; PRIOR FILING DATE: 2001-02-12
; NUMBER OF SEQ ID NOS: 148
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 13
; SEQUENCE CHARACTERISTICS:
; LENGTH: 27
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic
; NAME/KEY: misc_feature
; LOCATION: (1)..(17)
; OTHER INFORMATION: n is a, c, g or t
US-10-053-883-13

Query Match 66.7%; Score 12; DB 3; Length 27;
Best Local Similarity 91.7%; Pred. No. 1.1e+03;
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 7 CUGGAGNNNNNN 18
Db 23 CTGGAGNNNNNN 12
|:|||||:|||||

RESULT 37
US-08-240-547-7/c
; Sequence 7, Application US/08240547
; Patent No. 5527669
; GENERAL INFORMATION:
; APPLICANT: Resnick, Robert M.
; APPLICANT: Young, Karen K.Y.
; TITLE OF INVENTION: Primers and Probes for Detection of
; Hepatitis C and No. 5527669el Variants
; NUMBER OF SEQUENCES: 43
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hoffmann-La Roche Inc.
; STREET: 340 Kingsland Street
; CITY: Nutley
; STATE: NJ
; COUNTRY: U.S.A.
```

ZIP: 07110-1199
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/240,547
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/918,844
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Sias Ph.D., Stacey R.
REGISTRATION NUMBER: 32,630
REFERENCE/DOCKET NUMBER: 8586
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 814-2863
TELEFAX: (510) 814-2977
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 30 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-240-547-7

Query Match 66.7%; Score 12; DB 2; Length 30;
Best Local Similarity 83.3%; Pred. No. 1.1e+03;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
||||:|||||
Db 13 GGGGTCCTGGAG 2

RESULT 38
US-09-935-338-192/c
Sequence 192, Application US/09935338
Patent No. 6951722
GENERAL INFORMATION:
APPLICANT: MUKAI, Hiroyuki
APPLICANT: SAGAWA, Hiroaki
APPLICANT: UEMORI, Takashi
APPLICANT: YAMAMOTO, Junko
APPLICANT: TOMONO, Jun
APPLICANT: KOBAYASHI, Eiji
APPLICANT: ENOKI, Tatsuji
APPLICANT: TAKEDA, Osamu
APPLICANT: MIYAKE, Kazue
APPLICANT: SATO, Yoshimi
APPLICANT: MORIYAMA, Mariko
APPLICANT: SAWARAGI, Haruhisa
APPLICANT: HAGIYA, Michio
APPLICANT: ASADA, Kiyozo
APPLICANT: KATO, Ikunoshin
TITLE OF INVENTION: A method for amplification of nucleic acids
FILE REFERENCE: MUKAI=1
CURRENT APPLICATION NUMBER: US/09/935,338
CURRENT FILING DATE: 2001-08-23
PRIOR APPLICATION NUMBER: JP11-076966
PRIOR FILING DATE: 1999-03-19
PRIOR APPLICATION NUMBER: JP11-370035
PRIOR FILING DATE: 1999-12-27
PRIOR APPLICATION NUMBER: JP2000-251981
PRIOR FILING DATE: 2000-08-23
PRIOR APPLICATION NUMBER: JP2000-284419
PRIOR FILING DATE: 2000-09-19
PRIOR APPLICATION NUMBER: JP2000-288750
PRIOR FILING DATE: 2000-09-22
PRIOR APPLICATION NUMBER: JP2001-104191

PRIOR FILING DATE: 2001-04-03
PRIOR APPLICATION NUMBER: PCT/JP00/01534
PRIOR FILING DATE: 2000-03-14
NUMBER OF SEQ ID NOS: 290
SOFTWARE: PatentIn version 3.2
SEQ ID NO 192
LENGTH: 30
TYPE: DNA
ORGANISM: Artificial
FEATURE:
OTHER INFORMATION: Designed oligonucleotide probe to detect a DNA fragment amplifying
OTHER INFORMATION: portion of HCV.
US-09-935-338-192

Query Match 66.7%; Score 12; DB 3; Length 30;
Best Local Similarity 83.3%; Pred. No. 1.1e+03;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
||||:|||||
Db 30 GGGGTCCTGGAG 19

RESULT 39
US-08-530-492-66/c
Sequence 66, Application US/08530492
Patent No. 5689052
GENERAL INFORMATION:
APPLICANT: Brown, Sherri M.
APPLICANT: Dean, Duff A.
APPLICANT: Fromm, Michael E.
APPLICANT: Sanders, Patricia R.
TITLE OF INVENTION: Synthetic DNA Sequences Having Enhanced
TITLE OF INVENTION: Expression in Monocotyledonous Plants and Method For
NUMBER OF SEQUENCES: 164
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dennis R. Hoerner, Jr., Monsanto Co. BB4F
STREET: 700 Chesterfield Parkway No. 5689052th
CITY: St. Louis
STATE: Missouri
COUNTRY: USA
ZIP: 63198
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/530,492
FILING DATE:
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/172,333
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Hoerner Jr., Dennis R.
REGISTRATION NUMBER: 30,914
REFERENCE/DOCKET NUMBER: 38-21(10605)A
TELECOMMUNICATION INFORMATION:
TELEPHONE: (314)537-6099
TELEFAX: (314)537-6047
INFORMATION FOR SEQ ID NO: 66:
SEQUENCE CHARACTERISTICS:
LENGTH: 39 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (synthetic)
US-08-530-492-66

Query Match 66.7%; Score 12; DB 2; Length 39;
Best Local Similarity 83.3%; Pred. No. 1e+03;

Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
||||:||||
Db 20 GGGGTCTGGAG 9

RESULT 40

US-08-906-517-66/c

; Sequence 66, Application US/08906517

; Patent No. 6180774

; GENERAL INFORMATION:

; APPLICANT: Brown, Sherri M.

; APPLICANT: Dean, Duif A.

; APPLICANT: Fromm, Michael B.

; APPLICANT: Sanders, Patricia R.

; TITLE OF INVENTION: Synthetic DNA Sequences Having Enhanced

; TITLE OF INVENTION: Expression in Monocotyledonous Plants and Method For

; TITLE OF INVENTION: Preparation Thereof

; NUMBER OF SEQUENCES: 164

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Arnold, White & Durkee

; STREET: P.O. Box 4433

; CITY: Houston

; STATE: TX

; COUNTRY: USA

; ZIP: 77210-4433

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Patent In Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/906,517

; FILING DATE: Concurrently Herewith

; CLASSIFICATION: 435

; ATTORNEY/AGENT INFORMATION:

; NAME: Kitchell, Barbara S.

; REGISTRATION NUMBER: 33,928

; REFERENCE/DOCKET NUMBER: MORT:170

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 512-418-3000

; TELEFAX: 512-474-7577

; INFORMATION FOR SEQ ID NO: 66:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 39 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

US-08-906-517-66

Query Match 66.7%; Score 12; DB 3; Length 39;

Best Local Similarity 83.3%; Pred. No. 1e+03;

Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
||||:||||
Db 20 GGGGTCTGGAG 9

RESULT 41

US-08-647-344A-48/c

; Sequence 48, Application US/09647344A

; Patent No. 6596180

; GENERAL INFORMATION:

; APPLICANT: Ruffner, Duane E.

; APPLICANT: Pierce, Michael L.

; APPLICANT: Chen, Zhidong

; TITLE OF INVENTION: Directed Antisense Libraries

; FILE REFERENCE: T6678.PCT.US

; CURRENT APPLICATION NUMBER: US/09/647,344A

; CURRENT FILING DATE: 2000-12-04

; PRIOR APPLICATION NUMBER: PCT/US99/06742

; PRIOR FILING DATE: 1999-03-28

; NUMBER OF SEQ ID NOS: 50

; SEQ ID NO 48

; LENGTH: 46

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; NAME/KEY: misc feature

; LOCATION: 6..12 and 35..40

; OTHER INFORMATION: Hammerhead ribozyme library with flanking sequences.

US-09-647-344A-48

Query Match 66.7%; Score 12; DB 3; Length 46;

Best Local Similarity 91.7%; Pred. No. 1e+03;

Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 7 CUGGAGNNNNNN 18

Db 46 CTGGAGNNNNNN 35

RESULT 42

US-09-422-978-2597

; Sequence 2597, Application US/09422978

; Patent No. 6537751

; GENERAL INFORMATION:

; APPLICANT: Cohen, Daniel

; APPLICANT: Blumenfeld, Marta

; APPLICANT: Chumakov, Ilya

; TITLE OF INVENTION: Biallelic markers for use in constructing a high density....

; FILE REFERENCE: GENSET.020CPI

; CURRENT APPLICATION NUMBER: US/09/422,978

; CURRENT FILING DATE: 1999-10-20

; EARLIER APPLICATION NUMBER: US 09/298,850

; EARLIER FILING DATE: 1999-04-21

; EARLIER APPLICATION NUMBER: US 60/109,732

; EARLIER FILING DATE: 1998-11-23

; EARLIER APPLICATION NUMBER: US 60/082,614

; EARLIER FILING DATE: 1998-04-21

; NUMBER OF SEQ ID NOS: 11796

; SEQ ID NO 2597

; LENGTH: 47

; TYPE: DNA

; ORGANISM: Homo Sapiens

; FEATURE:

; NAME/KEY: allele

; LOCATION: 24

; OTHER INFORMATION: 99-1211-59 : polymorphic base C or T

US-09-422-978-2597

Query Match 66.7%; Score 12; DB 3; Length 47;

Best Local Similarity 83.3%; Pred. No. 1e+03;

Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
||||:||||
Db 25 GGGGTCTGGAG 36

RESULT 43

US-09-621-976-10142

; Sequence 10142, Application US/09621976

; Patent No. 6639063

; GENERAL INFORMATION:

; APPLICANT: Dumas Milne Edwards, J.B.

; APPLICANT: Jobert, S.

; APPLICANT: Giordano, J.Y.

; TITLE OF INVENTION: ESTs and Encoded Human Proteins.

; FILE REFERENCE: GENSET.054PR2

; CURRENT APPLICATION NUMBER: US/09/621,976

; CURRENT FILING DATE: 2000-07-21

; NUMBER OF SEQ ID NOS: 19335

; SOFTWARE: Patent.pm

; SEQ ID NO 10142

; LENGTH: 61

; TYPE: DNA

; ORGANISM: Homo sapiens

; FEATURE:

; NAME/KEY: misc_feature

; LOCATION: 6

; OTHER INFORMATION: n=a, g, c or t

US-09-621-976-10142

Query Match 66.7%; Score 12; DB 3; Length 61;

Best Local Similarity 83.3%; Pred. No. 9.9e+02;

Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12

||||:|:|

Db 29 GGGGTCTGGAG 40

RESULT 44

US-09-899-082B-106/c

; Sequence 106, Application US/09899082B

; Patent No. 6891026

; GENERAL INFORMATION:

; APPLICANT: Innogenetics N.V.

; TITLE OF INVENTION: Process for typing of HCV isolates

; FILE REFERENCE: 2551-111

; CURRENT APPLICATION NUMBER: US/09/899,082B

; CURRENT FILING DATE: 2001-07-06

; PRIOR APPLICATION NUMBER: 09/378,900

; PRIOR FILING DATE: 1999-08-23

; PRIOR APPLICATION NUMBER: 09/044,665

; PRIOR FILING DATE: 1998-03-19

; PRIOR APPLICATION NUMBER: 08/256,568

; PRIOR FILING DATE: 1994-07-18

; PRIOR APPLICATION NUMBER: PCT/EP93/03325

; PRIOR FILING DATE: 1993-11-26

; PRIOR APPLICATION NUMBER: EP92403222

; PRIOR FILING DATE: 1992-11-27

; PRIOR APPLICATION NUMBER: EP93402129

; PRIOR FILING DATE: 1993-08-31

; NUMBER OF SEQ ID NOS: 128

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 106

; LENGTH: 109

; TYPE: DNA

; ORGANISM: hepatitis C virus

US-09-899-082B-106

Query Match 66.7%; Score 12; DB 3; Length 109;

Best Local Similarity 83.3%; Pred. No. 9.3e+02;

Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12

||||:|:|

Db 26 GGGGTCTGGAG 15

RESULT 45

US-09-899-082B-107/c

; Sequence 107, Application US/09899082B

; Patent No. 6891026

; GENERAL INFORMATION:

; APPLICANT: Innogenetics N.V.

; TITLE OF INVENTION: Process for typing of HCV isolates

; FILE REFERENCE: 2551-111

; CURRENT APPLICATION NUMBER: US/09/899,082B

; CURRENT FILING DATE: 2001-07-06

; PRIOR APPLICATION NUMBER: 09/378,900

; PRIOR FILING DATE: 1999-08-23

; PRIOR APPLICATION NUMBER: 09/044,665

; PRIOR FILING DATE: 1998-03-19

; PRIOR APPLICATION NUMBER: 08/256,568

; PRIOR FILING DATE: 1994-07-18

; PRIOR APPLICATION NUMBER: PCT/EP93/03325

; PRIOR FILING DATE: 1993-11-26

; PRIOR APPLICATION NUMBER: EP92403222

; PRIOR FILING DATE: 1992-11-27

; PRIOR APPLICATION NUMBER: EP93402129

; PRIOR FILING DATE: 1993-08-31

; NUMBER OF SEQ ID NOS: 128

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 107

; LENGTH: 109

; TYPE: DNA

; ORGANISM: hepatitis C virus

US-09-899-082B-107

Query Match 66.7%; Score 12; DB 3; Length 109;

Best Local Similarity 83.3%; Pred. No. 9.3e+02;

Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12

||||:|:|

Db 26 GGGGTCTGGAG 15

RESULT 46

US-08-474-700B-41

; Sequence 41, Application US/08474700B

; Patent No. 6001990

; GENERAL INFORMATION:

; APPLICANT: Wands, Jack

; APPLICANT: Wakita, Takaji

; APPLICANT: Moradpour, Darius

; TITLE OF INVENTION: ANTISENSE INHIBITION OF HEPATITIS C

; TITLE OF INVENTION: VIRUS

; NUMBER OF SEQUENCES: 45

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Fish & Richardson P.C.

; STREET: 225 Franklin Street

; CITY: Boston

; STATE: Massachusetts

; COUNTRY: U.S.A.

; ZIP: 02110-2804

; COMPUTER READABLE FORM:

; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

; COMPUTER: IBM PS/2 Model 50Z or 55SX

; OPERATING SYSTEM: MS-DOS (Version 5.0)

; SOFTWARE: WordPerfect (Version 5.1)

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/474,700B

; FILING DATE: 07-JUN-1995

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 08/240,382

; FILING DATE: 10 May 1994

; ATTORNEY/AGENT INFORMATION:

; NAME: Fraser, Janis K.

; REGISTRATION NUMBER: 34,819

; REFERENCE/DOCKET NUMBER: 00786/279001

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (617) 542-5070

; TELEFAX: (617) 542-8906

; TELEX: 200154

; INFORMATION FOR SEQ ID NO: 41:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 155 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: DNA

US-08-474-700B-41

Query Match 66.7%; Score 12; DB 3; Length 155;

Best Local Similarity 83.3%; Pred. No. 9e+02;

Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
Db 33 GGGGTCCTGGAG 44

RESULT 47

US-08-256-568B-61/c
; Sequence 61, Application US/08256568B
; Patent No. 5846704
; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
; APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
; TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
; TITLE OF INVENTION: ISOLATES
; NUMBER OF SEQUENCES: 97
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN & MUSERLIAN
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/256,568B
; FILING DATE: 18-JUL-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/EP93/03325
; FILING DATE: 26-NOV-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP/93/402,129.6
; FILING DATE: 31-AUG-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP/92/403,222.0
; FILING DATE: 27-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: CHARLES A. MUSERLIAN
; REGISTRATION NUMBER: 19,683
; REFERENCE/DOCKET NUMBER: 410.004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 661-8000
; TELEFAX: (212) 661-8002
; INFORMATION FOR SEQ ID NO: 61:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 177 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; IMMEDIATE SOURCE:
; CLONE: be82 (also referred to as be99)
; POSITION IN GENOME:
; MAP POSITION: 5', untranslated region
US-08-256-568B-61

Query Match 66.7%; Score 12; DB 2; Length 177;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
Db 26 GGGGTCCTGGAG 15

RESULT 48

US-08-256-568B-67/c
; Sequence 67, Application US/08256568B

; Patent No. 5846704
; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
; APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
; TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
; TITLE OF INVENTION: ISOLATES
; NUMBER OF SEQUENCES: 97
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN & MUSERLIAN
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/256,568B
; FILING DATE: 18-JUL-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/EP93/03325
; FILING DATE: 26-NOV-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP/93/402,129.6
; FILING DATE: 31-AUG-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP/92/403,222.0
; FILING DATE: 27-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: CHARLES A. MUSERLIAN
; REGISTRATION NUMBER: 19,683
; REFERENCE/DOCKET NUMBER: 410.004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 661-8000
; TELEFAX: (212) 661-8002
; INFORMATION FOR SEQ ID NO: 67:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 177 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; IMMEDIATE SOURCE:
; CLONE: gb48
; POSITION IN GENOME:
; MAP POSITION: 5', untranslated region
US-08-256-568B-67

Query Match 66.7%; Score 12; DB 2; Length 177;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
Db 26 GGGGTCCTGGAG 15

RESULT 49

US-08-256-568B-68/c
; Sequence 68, Application US/08256568B
; Patent No. 5846704
; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
; APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
; TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
; TITLE OF INVENTION: ISOLATES
; NUMBER OF SEQUENCES: 97
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN & MUSERLIAN

STREET: 600 THIRD AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/256,568B
FILING DATE: 18-JUL-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 27-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 410.004
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 661-8000
TELEFAX: (212) 661-8002
INFORMATION FOR SEQ ID NO: 68:
SEQUENCE CHARACTERISTICS:
LENGTH: 177 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
IMMEDIATE SOURCE:
CLONE: gb116
POSITION IN GENOME:
MAP POSITION: 5' untranslated region
US-08-256-568B-68

Query Match 66.7%; Score 12; DB 2; Length 177;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
|||||:|:|:|
Db 26 GGGGTCTCTGGAG 15

RESULT 50
US-08-256-568B-69/c
Sequence 69, Application US/08256568B
Patent No. 5846704
GENERAL INFORMATION:
APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
TITLE OF INVENTION: ISOLATES
NUMBER OF SEQUENCES: 97
CORRESPONDENCE ADDRESS:
ADDRESSEE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/256,568B
FILING DATE: 18-JUL-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 27-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 410.004
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 661-8000
TELEFAX: (212) 661-8002
INFORMATION FOR SEQ ID NO: 69:
SEQUENCE CHARACTERISTICS:
LENGTH: 177 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
IMMEDIATE SOURCE:
CLONE: gb569
POSITION IN GENOME:
MAP POSITION: 5' untranslated region
US-08-256-568B-69

Query Match 66.7%; Score 12; DB 2; Length 177;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
|||||:|:|:|
Db 26 GGGGTCTCTGGAG 15

RESULT 51
US-08-256-568B-70/c
Sequence 70, Application US/08256568B
Patent No. 5846704
GENERAL INFORMATION:
APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
TITLE OF INVENTION: ISOLATES
NUMBER OF SEQUENCES: 97
CORRESPONDENCE ADDRESS:
ADDRESSEE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/256,568B
FILING DATE: 18-JUL-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
PRIOR APPLICATION DATA:

APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 27-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 410.004
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 661-8000
TELEFAX: (212) 661-8002
INFORMATION FOR SEQ ID NO: 70:
SEQUENCE CHARACTERISTICS:
LENGTH: 177 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
IMMEDIATE SOURCE:
CLONE: gB358
POSITION IN GENOME:
MAP POSITION: 5' untranslated region
US-08-256-568B-70

Query Match 66.7%; Score 12; DB 2; Length 177;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
||||:||||
Db 26 GGGGTCCTGGAG 15

RESULT 52
US-08-256-568B-72/c
Sequence 72, Application US/08256568B
Patent No. 5846704
GENERAL INFORMATION:
APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
TITLE OF INVENTION: ISOLATES
NUMBER OF SEQUENCES: 97
CORRESPONDENCE ADDRESS:
ADDRESSEE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/256,568B
FILING DATE: 18-JUL-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 27-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 410.004

TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 661-8000
TELEFAX: (212) 661-8002
INFORMATION FOR SEQ ID NO: 72:
SEQUENCE CHARACTERISTICS:
LENGTH: 177 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
IMMEDIATE SOURCE:
CLONE: cam500
POSITION IN GENOME:
MAP POSITION: 5' untranslated region
US-08-256-568B-72

Query Match 66.7%; Score 12; DB 2; Length 177;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
||||:||||
Db 26 GGGGTCCTGGAG 15

RESULT 53
US-08-256-568B-73/c
Sequence 73, Application US/08256568B
Patent No. 5846704
GENERAL INFORMATION:
APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
TITLE OF INVENTION: ISOLATES
NUMBER OF SEQUENCES: 97
CORRESPONDENCE ADDRESS:
ADDRESSEE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/256,568B
FILING DATE: 18-JUL-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 27-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 410.004
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 661-8000
TELEFAX: (212) 661-8002
INFORMATION FOR SEQ ID NO: 73:
SEQUENCE CHARACTERISTICS:
LENGTH: 177 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

MOLECULE TYPE: cdna
IMMEDIATE SOURCE:
CLONE: cam736
POSITION IN GENOME:
MAP POSITION: 5' untranslated region
US-08-256-568B-73

Query Match 66.7%; Score 12; DB 2; Length 177;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
||||:||||
Db 26 GGGTCTCGAG 15

RESULT 54

US-08-256-568B-74/c
; Sequence 74, Application US/08256568B
; Patent No. 5846704
; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
; APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
; TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
; TITLE OF INVENTION: ISOLATES
; NUMBER OF SEQUENCES: 97
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN & MUSERLIAN
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/256,568B
FILING DATE: 18-JUL-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 27-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 410,004
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 661-8000
TELEFAX: (212) 661-8002
INFORMATION FOR SEQ ID NO: 74:
SEQUENCE CHARACTERISTICS:
LENGTH: 177 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cdna
IMMEDIATE SOURCE:
CLONE: gb809
POSITION IN GENOME:
MAP POSITION: 5' untranslated region
US-08-256-568B-74

Query Match 66.7%; Score 12; DB 2; Length 177;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;

Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;
QY 1 GGGGUCCUGGAG 12
||||:||||
Db 26 GGGTCTCGAG 15

RESULT 55

US-08-256-568B-75/c
; Sequence 75, Application US/08256568B
; Patent No. 5846704
; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
; APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
; TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
; TITLE OF INVENTION: ISOLATES
; NUMBER OF SEQUENCES: 97
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN & MUSERLIAN
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/256,568B
FILING DATE: 18-JUL-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 27-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 410,004
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 661-8000
TELEFAX: (212) 661-8002
INFORMATION FOR SEQ ID NO: 75:
SEQUENCE CHARACTERISTICS:
LENGTH: 177 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cdna
IMMEDIATE SOURCE:
CLONE: gb487
POSITION IN GENOME:
MAP POSITION: 5' untranslated region
US-08-256-568B-75

Query Match 66.7%; Score 12; DB 2; Length 177;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
||||:||||
Db 26 GGGTCTCGAG 15

RESULT 56
US-08-256-568B-76/c

Sequence 76, Application US/08256568B
Patent No. 5846704
GENERAL INFORMATION:
APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
TITLE OF INVENTION: ISOLATES
NUMBER OF SEQUENCES: 97
CORRESPONDENCE ADDRESS:
ADDRESSEE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/256,568B
FILING DATE: 18-JUL-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 27-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 410.004
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 661-8000
TELEFAX: (212) 661-8002
INFORMATION FOR SEQ ID NO: 76:
SEQUENCE CHARACTERISTICS:
LENGTH: 177 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
IMMEDIATE SOURCE:
CLONE: gb724
POSITION IN GENOME:
MAP POSITION: 5' untranslated region
US-08-256-568B-76

Query Match 66.7%; Score 12; DB 2; Length 177;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
||||:||||
Db 26 GGGGTCTGGAG 15

RESULT 57
US-08-256-568B-77/c
Sequence 77, Application US/08256568B
Patent No. 5846704
GENERAL INFORMATION:
APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
TITLE OF INVENTION: ISOLATES
NUMBER OF SEQUENCES: 97
CORRESPONDENCE ADDRESS:

ADDRESSEE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/256,568B
FILING DATE: 18-JUL-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 27-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 410.004
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 661-8000
TELEFAX: (212) 661-8002
INFORMATION FOR SEQ ID NO: 77:
SEQUENCE CHARACTERISTICS:
LENGTH: 177 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
IMMEDIATE SOURCE:
LIBRARY: be97
POSITION IN GENOME:
MAP POSITION: 5' untranslated region
US-08-256-568B-77

Query Match 66.7%; Score 12; DB 2; Length 177;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
||||:||||
Db 26 GGGGTCTGGAG 15

RESULT 58
US-08-256-568B-78/c
Sequence 78, Application US/08256568B
Patent No. 5846704
GENERAL INFORMATION:
APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
TITLE OF INVENTION: ISOLATES
NUMBER OF SEQUENCES: 97
CORRESPONDENCE ADDRESS:
ADDRESSEE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/256,568B
FILING DATE: 18-JUL-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 27-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 410.004
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 661-8000
TELEFAX: (212) 661-8002
INFORMATION FOR SEQ ID NO: 78:
SEQUENCE CHARACTERISTICS:
LENGTH: 177 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
IMMEDIATE SOURCE:
CLONE: be95
POSITION IN GENOME:
MAP POSITION: 5', untranslated region
US-08-256-568B-78

Query Match 66.7%; Score 12; DB 2; Length 177;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
||||:|||||
Db 26 GGGGTCTGGAG 15

RESULT 59
US-08-256-568B-79/c
Sequence 79, Application US/08256568B
Patent No. 5846704
GENERAL INFORMATION:
APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
TITLE OF INVENTION: ISOLATES
NUMBER OF SEQUENCES: 97
CORRESPONDENCE ADDRESS:
ADDRESSEE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/256,568B
FILING DATE: 18-JUL-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993

PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 27-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 410.004
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 661-8000
TELEFAX: (212) 661-8002
INFORMATION FOR SEQ ID NO: 79:
SEQUENCE CHARACTERISTICS:
LENGTH: 177 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
IMMEDIATE SOURCE:
CLONE: be96
POSITION IN GENOME:
MAP POSITION: 5', untranslated region
US-08-256-568B-79

Query Match 66.7%; Score 12; DB 2; Length 177;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
||||:|||||
Db 26 GGGGTCTGGAG 15

RESULT 60
US-08-256-568B-80/c
Sequence 80, Application US/08256568B
Patent No. 5846704
GENERAL INFORMATION:
APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
TITLE OF INVENTION: ISOLATES
NUMBER OF SEQUENCES: 97
CORRESPONDENCE ADDRESS:
ADDRESSEE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/256,568B
FILING DATE: 18-JUL-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 27-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683

REFERENCE/DOCKET NUMBER: 410.004
TELEPHONE: (212) 661-8000
TELEFAX: (212) 661-8002
INFORMATION FOR SEQ ID NO: 80:
SEQUENCE CHARACTERISTICS:
LENGTH: 177 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cdna
IMMEDIATE SOURCE:
CLONE: be98
POSITION IN GENOME:
MAP POSITION: 5' untranslated region
US-08-256-568B-80

Query Match 66.7%; Score 12; DB 2; Length 177;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
|||:|:|:|
DB 26 GGGGTCTGGAG 15

RESULT 61

US-09-038-369B-61/c
Sequence 61, Application US/09038369B
Patent No. 6171784

GENERAL INFORMATION:
APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
TITLE OF INVENTION: ISOLATES
NUMBER OF SEQUENCES: 97
CORRESPONDENCE ADDRESS:
ADDRESSEE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10016

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/038,369B
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/256,568
FILING DATE: 18-JUL-1994
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 27-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 410.004
TELEPHONE: (212) 661-8000
TELEFAX: (212) 661-8002
INFORMATION FOR SEQ ID NO: 61:
SEQUENCE CHARACTERISTICS:
LENGTH: 177 base pairs

TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cdna
IMMEDIATE SOURCE:
CLONE: be82 (also referred to as be99)
POSITION IN GENOME:
MAP POSITION: 5' untranslated region
US-09-038-369B-61

Query Match 66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
|||:|:|:|
DB 26 GGGGTCTGGAG 15

RESULT 62

US-09-038-369B-67/c
Sequence 67, Application US/09038369B
Patent No. 6171784

GENERAL INFORMATION:
APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
TITLE OF INVENTION: ISOLATES
NUMBER OF SEQUENCES: 97
CORRESPONDENCE ADDRESS:
ADDRESSEE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10016

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/038,369B
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/256,568
FILING DATE: 18-JUL-1994
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 27-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 410.004
TELEPHONE: (212) 661-8000
TELEFAX: (212) 661-8002
INFORMATION FOR SEQ ID NO: 67:
SEQUENCE CHARACTERISTICS:
LENGTH: 177 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cdna
IMMEDIATE SOURCE:
CLONE: 9b48
POSITION IN GENOME:

; MAP POSITION: 5' untranslated region
US-09-038-369B-67

Query Match 66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; pred. No. 8.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels

Qy 1 GGGGUCCUGGAG 12
26 GGGGTCCTGGAG 15

RESULT 63

US-09-038-369B-68/c
; Sequence 68, Application US/09038369B

```

? ACCT NO: 6171784
? GENERAL INFORMATION:
? APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
? APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
? TITLE OF INVENTION: PROCESS FOR TYPING OF HCv
? TITLE OF INVENTION: ISOLATES
? NUMBER OF SEQUENCES: 97
?
```

CORRESPONDENCE ADDRESS:
 ADDRESSEE: BIERMAN & MUSERLIAN
 STREET: 600 THIRD AVENUE
 CITY: NEW YORK
 STATE: NEW YORK
 COUNTRY: USA
 ZIP: 10016

```

; ; COMPUTER READABLE FORM:
; ; MEDIUM TYPE: Floppy disk
; ; COMPUTER: IBM PC compatible
; ; OPERATING SYSTEM: PC-DOS/MS-DOS

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; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/038,369B
; FILING DATE:

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CLASSIFICATION:

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: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: 08/256,558
: FILING DATE: 18-JUL-1994
: APPLICATION NUMBER: PCT/EP93/03325
: FILING DATE: 26-NOV-1993
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: EP/93/402,129.6

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;
 ; FILING DATE: 31-AUG-1993
 ;
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: EP/92/403,222.0
 ; FILING DATE: 27-NOV-1992
 ;

; FILING DATE: 27 NOV 1994
 ;
 ; ATTORNEY/AGENT INFORMATION:
 ;
 ; NAME: CHARLES A. MUSERLIAN
 ;
 ; REGISTRATION NUMBER: 19,683
 ;
 ; REFERENCE/DOCKET NUMBER: 410 004

REFERENCE/DOCREF NUMBER: 410.004
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 661-8000
TELEFAX: (212) 661-8002
INFORMATION FOR SEQ ID NO: 68.

```

; INFORMATION FOR SEQ ID NO: 68:
;
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 177 base pairs
;   TYPE: nucleic acid
;   STRANDEDNESS: single

```

STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
IMMEDIATE SOURCE:
CLONE: ch11c

```

; CLONE: gb116
; POSITION IN GENOME:
; MAP POSITION: 5' untranslated region
US-09-038-369B-68

```

Query Match

Query Match 66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels

Qy 1 GGGGUCCUGGAG 12
Db 26 GGGGTCTTGGAG 15

RESULT 64

US-09-038-369B-69/c
: Sequence 69. Application US/09038369B

; Patent No. 6171784

```

: GENERAL INFORMATION:
:
: APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
: APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
: TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
: TITLE OF INVENTION: ISOLATES
: NUMBER OF SEQUENCES: 97
:
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: BIERMAN & MUSERLIAN
: STREET: 600 THIRD AVENUE
: CITY: NEW YORK
: STATE: NEW YORK
: COUNTRY: USA
: ZIP: 10016
:

```

```

? ZIP: 10010
?
? COMPUTER READABLE FORM:
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? MEDIUM TYPE: Floppy disk
?
? COMPUTER: IBM PC compatible
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? OPERATING SYSTEM: PC-DOS/MS-DOS
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? SOFTWARE: ASCII
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? CURRENT APPLICATION DATA:
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? APPLICATION NUMBER: US/09/038.369B
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: APPLICATION NUMBER:
 : FILING DATE:

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; APPLICATION NUMBER: EP/93/402,129.6
 ; FILING DATE: 31-AUG-1993

PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/92/403,222.0

FILING DATE: 27-NOV-1992

ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 410,004
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 661-8000
TELEFAX: (212) 661-8002
INFORMATION FOR SEQ ID NO: 69:

; SEQUENCE CHARACTERISTICS:

```

: LENGTH: 177 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: single
: TOPOLOGY: linear
: MOLECULE TYPE: cDNA
: IMMEDIATE SOURCE:
: CLONE: gb569
: POSITION IN GENOME:
: MAP POSITION: 5', untranslated region
US-09-018-3698-69

```

Query Match 66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels

Qy 1 GGGGUCCUGGAG 12
Db 26 GGGGTCTGGAG 15

RESULT 65

US-09-038-369B-70/c


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; Sequence 70, Application US/09038369B
; Patent No. 6171784
; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
; APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
; TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
; TITLE OF INVENTION: ISOLATES
; NUMBER OF SEQUENCES: 97
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN & MUSERLIAN
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/038,369B
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/256,568
; FILING DATE: 18-JUL-1994
; APPLICATION NUMBER: PCT/EP93/03325
; FILING DATE: 26-NOV-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP/93/402,129.6
; FILING DATE: 31-AUG-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP/92/403,222.0
; FILING DATE: 27-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: CHARLES A. MUSERLIAN
; REGISTRATION NUMBER: 19,683
; REFERENCE/DOCKET NUMBER: 410.004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 661-8000
; TELEFAX: (212) 661-8002
; INFORMATION FOR SEQ ID NO: 70:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 177 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; IMMEDIATE SOURCE:
; CLONE: gb358
; POSITION IN GENOME:
; MAP POSITION: 5' untranslated region
; US-09-038-369B-70
;
; Query Match 66.7%; Score 12; DB 3; Length 177;
; Best Local Similarity 83.3%; Pred. No. 8.8e+02;
; Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
Db 26 GGGGTCCTGGAG 15

RESULT 66
US-09-038-369B-72/c
; Sequence 72, Application US/09038369B
; Patent No. 6171784
; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
; APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
; TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
; TITLE OF INVENTION: ISOLATES
```

```
; NUMBER OF SEQUENCES: 97
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN & MUSERLIAN
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/038,369B
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/256,568
; FILING DATE: 18-JUL-1994
; APPLICATION NUMBER: PCT/EP93/03325
; FILING DATE: 26-NOV-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP/93/402,129.6
; FILING DATE: 31-AUG-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP/92/403,222.0
; FILING DATE: 27-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: CHARLES A. MUSERLIAN
; REGISTRATION NUMBER: 19,683
; REFERENCE/DOCKET NUMBER: 410.004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 661-8000
; TELEFAX: (212) 661-8002
; INFORMATION FOR SEQ ID NO: 72:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 177 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; IMMEDIATE SOURCE:
; CLONE: cam600
; POSITION IN GENOME:
; MAP POSITION: 5' untranslated region
; US-09-038-369B-72
;
; Query Match 66.7%; Score 12; DB 3; Length 177;
; Best Local Similarity 83.3%; Pred. No. 8.8e+02;
; Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
Db 26 GGGGTCCTGGAG 15

RESULT 67
US-09-038-369B-73/c
; Sequence 73, Application US/09038369B
; Patent No. 6171784
; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
; APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
; TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
; TITLE OF INVENTION: ISOLATES
; NUMBER OF SEQUENCES: 97
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN & MUSERLIAN
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
```

ZIP: 10016
COMPUTER READABLE FORM: disk
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: IBM PC compatible
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/038,369B
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/256,568
FILING DATE: 18-JUL-1994
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 27-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 410.004
TELEPHONE: (212) 661-8000
TELEFAX: (212) 661-8002
INFORMATION FOR SEQ ID NO: 73:
SEQUENCE CHARACTERISTICS:
LENGTH: 177 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
IMMEDIATE SOURCE:
CLONE: cam736
POSITION IN GENOME:
MAP POSITION: 5' untranslated region
US-09-038-369B-73

Query Match 66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
|||:|:|:|
Db 26 GGGGTCTGGAG 15

RESULT 68
US-09-038-369B-74/c
Sequence 74, Application US/09038369B
Patent No. 6171784
GENERAL INFORMATION:
APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
TITLE OF INVENTION: ISOLATES
NUMBER OF SEQUENCES: 97
CORRESPONDENCE ADDRESS:
ADDRESSEE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/038,369B
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/256,568
FILING DATE: 18-JUL-1994
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 27-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 410.004
TELEPHONE: (212) 661-8000
TELEFAX: (212) 661-8002
INFORMATION FOR SEQ ID NO: 74:
SEQUENCE CHARACTERISTICS:
LENGTH: 177 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
IMMEDIATE SOURCE:
CLONE: 9b809
POSITION IN GENOME:
MAP POSITION: 5' untranslated region
US-09-038-369B-74

Query Match 66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
|||:|:|:|
Db 26 GGGGTCTGGAG 15

RESULT 69
US-09-038-369B-75/c
Sequence 75, Application US/09038369B
Patent No. 6171784
GENERAL INFORMATION:
APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
TITLE OF INVENTION: ISOLATES
NUMBER OF SEQUENCES: 97
CORRESPONDENCE ADDRESS:
ADDRESSEE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/038,369B
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/256,568
FILING DATE: 18-JUL-1994
APPLICATION NUMBER: PCT/EP93/03325

;; FILING DATE: 26-NOV-1993
;; PRIOR APPLICATION DATA: EP/93/402,129.6
;; APPLICATION NUMBER: 19,683
;; FILING DATE: 31-AUG-1993
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: EP/92/403,222.0
;; FILING DATE: 27-NOV-1992
;; ATTORNEY/AGENT INFORMATION:
;; NAME: CHARLES A. MUSERLIAN
;; REGISTRATION NUMBER: 19,683
;; REFERENCE/DOCKET NUMBER: 410.004
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (212) 661-8000
;; TELEFAX: (212) 661-8002
;; INFORMATION FOR SEQ ID NO: 75:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 177 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: cDNA
;; IMMEDIATE SOURCE:
;; CLONE: gb487
;; POSITION IN GENOME:
;; MAP POSITION: 5' untranslated region
US-09-038-369B-75

Query Match 66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
Db 26 GGGGTCCTGGAG 15
||||:|||||

RESULT 70
US-09-038-369B-76/c
; Sequence 76, Application US/09038369B
; Patent No. 6171784
; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
; APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
; TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
; TITLE OF INVENTION: ISOLATES
; NUMBER OF SEQUENCES: 97
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN & MUSERLIAN
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/038,369B
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/256,568
; FILING DATE: 18-JUL-1994
; APPLICATION NUMBER: PCT/EP93/03325
; FILING DATE: 26-NOV-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP/93/402,129.6
; FILING DATE: 31-AUG-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP/92/403,222.0
; FILING DATE: 27-NOV-1992

;; ATTORNEY/AGENT INFORMATION:
;; NAME: CHARLES A. MUSERLIAN
;; REGISTRATION NUMBER: 19,683
;; REFERENCE/DOCKET NUMBER: 410.004
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (212) 661-8000
;; TELEFAX: (212) 661-8002
;; INFORMATION FOR SEQ ID NO: 76:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 177 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: cDNA
;; IMMEDIATE SOURCE:
;; CLONE: gb724
;; POSITION IN GENOME:
;; MAP POSITION: 5' untranslated region
US-09-038-369B-76

Query Match 66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
Db 26 GGGGTCCTGGAG 15
||||:|||||

RESULT 71
US-09-038-369B-77/c
; Sequence 77, Application US/09038369B
; Patent No. 6171784
; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
; APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
; TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
; TITLE OF INVENTION: ISOLATES
; NUMBER OF SEQUENCES: 97
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN & MUSERLIAN
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/038,369B
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/256,568
; FILING DATE: 18-JUL-1994
; APPLICATION NUMBER: PCT/EP93/03325
; FILING DATE: 26-NOV-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP/93/402,129.6
; FILING DATE: 31-AUG-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP/92/403,222.0
; FILING DATE: 27-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: CHARLES A. MUSERLIAN
; REGISTRATION NUMBER: 19,683
; REFERENCE/DOCKET NUMBER: 410.004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 661-8000
; TELEFAX: (212) 661-8002

;
; INFORMATION FOR SEQ ID NO: 77:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 177 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; IMMEDIATE SOURCE:
; LIBRARY: be97
; POSITION IN GENOME:
; MAP POSITION: 5' untranslated region
US-09-038-369B-77

Query Match 66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
Db 26 GGGGTCTTGAG 15
||||:||||

RESULT 72

US-09-038-369B-78/c
; Sequence 78, Application US/09038369B
; Patent No. 6171784

;
; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
; APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
; TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
; TITLE OF INVENTION: ISOLATES
; NUMBER OF SEQUENCES: 97
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN & MUSERLIAN
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016

;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/038,369B
; FILING DATE:

;
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/256,568
; FILING DATE: 18-JUL-1994
; APPLICATION NUMBER: PCT/EP93/03325
; FILING DATE: 26-NOV-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP/93/402,129.6
; FILING DATE: 31-AUG-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP/92/403,222.0
; FILING DATE: 27-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: CHARLES A. MUSERLIAN
; REGISTRATION NUMBER: 19,683
; REFERENCE/DOCKET NUMBER: 410.004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 661-8000
; TELEFAX: (212) 661-8002
; INFORMATION FOR SEQ ID NO: 78:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 177 base pairs
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA

;
; IMMEDIATE SOURCE:
; CLONE: be95
; POSITION IN GENOME:
; MAP POSITION: 5' untranslated region
US-09-038-369B-78

Query Match 66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
Db 26 GGGGTCTTGAG 15
||||:||||

RESULT 73

US-09-038-369B-79/c
; Sequence 79, Application US/09038369B
; Patent No. 6171784

;
; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
; APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
; TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
; TITLE OF INVENTION: ISOLATES
; NUMBER OF SEQUENCES: 97
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN & MUSERLIAN
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016

;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/038,369B
; FILING DATE:

;
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/256,568
; FILING DATE: 18-JUL-1994
; APPLICATION NUMBER: PCT/EP93/03325
; FILING DATE: 26-NOV-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP/93/402,129.6
; FILING DATE: 31-AUG-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP/92/403,222.0
; FILING DATE: 27-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: CHARLES A. MUSERLIAN
; REGISTRATION NUMBER: 19,683
; REFERENCE/DOCKET NUMBER: 410.004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 661-8000
; TELEFAX: (212) 661-8002
; INFORMATION FOR SEQ ID NO: 79:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 177 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; IMMEDIATE SOURCE:
; CLONE: be96
; POSITION IN GENOME:
; MAP POSITION: 5' untranslated region
US-09-038-369B-79

Query Match

66.7%; Score 12; DB 3; Length 177;

Best Local Similarity 83.3%; Pred. No. 8.8e+02; Indels 0; Gaps 0;
Matches 10; Conservative 2; Mismatches 0;

QY 1 GGGGUCCUGGAG 12
Db 26 GGGGTCTCGGAG 15

RESULT 74

US-09-038-369B-80/c
; Sequence 80, Application US/09038369B
; Patent No. 6171784
; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
; APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
; TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
; TITLE OF INVENTION: ISOLATES
; NUMBER OF SEQUENCES: 97
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN & MUSERLIAN
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016

COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/038,369B
; FILING DATE:

CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/256,568
; FILING DATE: 18-JUL-1994
; APPLICATION NUMBER: PCT/EP93/03325
; FILING DATE: 26-NOV-1993

PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP/93/402,129.6
; FILING DATE: 31-AUG-1993
; APPLICATION NUMBER: EP/92/403,222.0
; FILING DATE: 27-NOV-1992

ATTORNEY/AGENT INFORMATION:
; NAME: CHARLES A. MUSERLIAN
; REGISTRATION NUMBER: 19,683
; REFERENCE/DOCKET NUMBER: 410.004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 661-8000
; TELEFAX: (212) 661-8002

INFORMATION FOR SEQ ID NO: 80:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 177 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear

MOLECULE TYPE: cDNA
; IMMEDIATE SOURCE:
; CLONE: be98
; POSITION IN GENOME:
; MAP POSITION: 5' untranslated region

US-09-038-369B-80

Query Match 66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
Db 26 GGGGTCTCGGAG 15

RESULT 75

US-09-378-900A-61/c
; Sequence 61, Application US/09378900A
; Patent No. 6495670
; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
; APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
; TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
; TITLE OF INVENTION: ISOLATES
; NUMBER OF SEQUENCES: 97
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN & MUSERLIAN
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016

COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/378,900A
; FILING DATE:

CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/256,568
; FILING DATE: 18-JUL-1994
; APPLICATION NUMBER: PCT/EP93/03325
; FILING DATE: 26-NOV-1993

PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP/93/402,129.6
; FILING DATE: 31-AUG-1993
; APPLICATION NUMBER: EP/92/403,222.0
; FILING DATE: 27-NOV-1992

ATTORNEY/AGENT INFORMATION:
; NAME: CHARLES A. MUSERLIAN
; REGISTRATION NUMBER: 19,683
; REFERENCE/DOCKET NUMBER: 410.004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 661-8000
; TELEFAX: (212) 661-8002

INFORMATION FOR SEQ ID NO: 61:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 177 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear

MOLECULE TYPE: cDNA
; IMMEDIATE SOURCE:
; CLONE: be82 (also referred to as be99)
; POSITION IN GENOME:
; MAP POSITION: 5' untranslated region

US-09-378-900A-61

Query Match 66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
Db 26 GGGGTCTCGGAG 15

RESULT 76

US-09-378-900A-67/c
; Sequence 67, Application US/09378900A
; Patent No. 6495670
; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;

APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
NUMBER OF SEQUENCES: 97
CORRESPONDENCE ADDRESS:
ADDRESSEE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/378,900A
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/256,568
FILING DATE: 18-JUL-1994
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 27-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 410.004
TELEPHONE: (212) 661-8000
TELEFAX: (212) 661-8002
INFORMATION FOR SEQ ID NO: 67:
SEQUENCE CHARACTERISTICS:
LENGTH: 177 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
IMMEDIATE SOURCE:
CLONE: 9b48
POSITION IN GENOME:
MAP POSITION: 5', untranslated region
US-09-378-900A-67

Query Match 66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
Db 26 GGGGTCCTGGAG 15
||||:|||||

RESULT 77
US-09-378-900A-68/c
Sequence 68, Application US/09378900A
Patent No. 6495670
GENERAL INFORMATION:
APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
TITLE OF INVENTION: ISOLATES
NUMBER OF SEQUENCES: 97
CORRESPONDENCE ADDRESS:
ADDRESSEE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE

CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/378,900A
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/256,568
FILING DATE: 18-JUL-1994
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 27-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 410.004
TELEPHONE: (212) 661-8000
TELEFAX: (212) 661-8002
INFORMATION FOR SEQ ID NO: 68:
SEQUENCE CHARACTERISTICS:
LENGTH: 177 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
IMMEDIATE SOURCE:
CLONE: 9b116
POSITION IN GENOME:
MAP POSITION: 5', untranslated region
US-09-378-900A-68

Query Match 66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
Db 26 GGGGTCCTGGAG 15
||||:|||||

RESULT 78
US-09-378-900A-69/c
Sequence 69, Application US/09378900A
Patent No. 6495670
GENERAL INFORMATION:
APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
TITLE OF INVENTION: ISOLATES
NUMBER OF SEQUENCES: 97
CORRESPONDENCE ADDRESS:
ADDRESSEE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible

;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP/92/403,222.0
; FILING DATE: 27-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: CHARLES A. MUSERLIAN
; REGISTRATION NUMBER: 19,683
; REFERENCE/DOCKET NUMBER: 410.004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 661-8000
; TELEFAX: (212) 661-8002
; INFORMATION FOR SEQ ID NO: 72:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 177 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; IMMEDIATE SOURCE:
; CLONE: cam600
; POSITION IN GENOME:
; MAP POSITION: 5', untranslated region
US-09-378-900A-72

Query Match 66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
Db 26 GGGGTCTGGAG 15
||||:|||||

RESULT 81
US-09-378-900A-73/c
; Sequence 73, Application US/09378900A
; Patent No. 6495670
; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
; APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
; TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
; TITLE OF INVENTION: ISOLATES
; NUMBER OF SEQUENCES: 97
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN & MUSERLIAN
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/378,900A
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/256,568
; FILING DATE: 18-JUL-1994
; APPLICATION NUMBER: PCT/EP93/03325
; FILING DATE: 26-NOV-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP/93/402,129.6
; FILING DATE: 31-AUG-1993
; APPLICATION NUMBER: EP/92/403,222.0
; FILING DATE: 27-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: CHARLES A. MUSERLIAN
; REGISTRATION NUMBER: 19,683
; REFERENCE/DOCKET NUMBER: 410.004

;
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 661-8000
; TELEFAX: (212) 661-8002
; INFORMATION FOR SEQ ID NO: 73:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 177 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; IMMEDIATE SOURCE:
; CLONE: cam736
; POSITION IN GENOME:
; MAP POSITION: 5', untranslated region
US-09-378-900A-73

Query Match 66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
Db 26 GGGGTCTGGAG 15
||||:|||||

RESULT 82
US-09-378-900A-74/c
; Sequence 74, Application US/09378900A
; Patent No. 6495670
; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
; APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
; TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
; TITLE OF INVENTION: ISOLATES
; NUMBER OF SEQUENCES: 97
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN & MUSERLIAN
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/378,900A
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/256,568
; FILING DATE: 18-JUL-1994
; APPLICATION NUMBER: PCT/EP93/03325
; FILING DATE: 26-NOV-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP/93/402,129.6
; FILING DATE: 31-AUG-1993
; APPLICATION NUMBER: EP/92/403,222.0
; FILING DATE: 27-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: CHARLES A. MUSERLIAN
; REGISTRATION NUMBER: 19,683
; REFERENCE/DOCKET NUMBER: 410.004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 661-8000
; TELEFAX: (212) 661-8002
; INFORMATION FOR SEQ ID NO: 74:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 177 base pairs
; TYPE: nucleic acid

STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
IMMEDIATE SOURCE:
CLONE: gb809
POSITION IN GENOME:
MAP POSITION: 5' untranslated region
US-09-378-900A-74

Query Match 66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
Db 26 GGGGTCCTGGAG 15

RESULT 83
US-09-378-900A-75/c
; Sequence 75, Application US/09378900A
; Patent No. 6495670
; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GERT; STUYVER, LIEVEN;
; APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
; TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
; TITLE OF INVENTION: ISOLATES
; NUMBER OF SEQUENCES: 97
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN & MUSERLIAN
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/378,900A
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/256,568
; FILING DATE: 18-JUL-1994
; APPLICATION NUMBER: PCT/EP93/03325
; FILING DATE: 26-NOV-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP/93/402,129.6
; FILING DATE: 31-AUG-1993
; APPLICATION NUMBER: EP/92/403,222.0
; FILING DATE: 27-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: CHARLES A. MUSERLIAN
; REGISTRATION NUMBER: 19,683
; REFERENCE/DOCKET NUMBER: 410,004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 661-8000
; TELEFAX: (212) 661-8002
; INFORMATION FOR SEQ ID NO: 75:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 177 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; IMMEDIATE SOURCE:
; CLONE: gb487
; POSITION IN GENOME:
; MAP POSITION: 5' untranslated region

US-09-378-900A-75
Query Match 66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
Db 26 GGGGTCCTGGAG 15

RESULT 84
US-09-378-900A-76/c
; Sequence 76, Application US/09378900A
; Patent No. 6495670
; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GERT; STUYVER, LIEVEN;
; APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
; TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
; TITLE OF INVENTION: ISOLATES
; NUMBER OF SEQUENCES: 97
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN & MUSERLIAN
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/378,900A
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/256,568
; FILING DATE: 18-JUL-1994
; APPLICATION NUMBER: PCT/EP93/03325
; FILING DATE: 26-NOV-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP/93/402,129.6
; FILING DATE: 31-AUG-1993
; APPLICATION NUMBER: EP/92/403,222.0
; FILING DATE: 27-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: CHARLES A. MUSERLIAN
; REGISTRATION NUMBER: 19,683
; REFERENCE/DOCKET NUMBER: 410,004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 661-8000
; TELEFAX: (212) 661-8002
; INFORMATION FOR SEQ ID NO: 76:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 177 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; IMMEDIATE SOURCE:
; CLONE: gb724
; POSITION IN GENOME:
; MAP POSITION: 5' untranslated region
US-09-378-900A-76

Query Match 66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12

Db 26 GGGGTCCTGGAG 15
||||:|:|:|

RESULT 85
US-09-378-900A-77/c
; Sequence 77, Application US/09378900A
; Patent No. 6495670
; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
; APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
; TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
; TITLE OF INVENTION: ISOLATES
; NUMBER OF SEQUENCES: 97
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN & MUSERLIAN
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/378,900A
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/256,568
; FILING DATE: 18-JUL-1994
; APPLICATION NUMBER: PCT/EP93/03325
; FILING DATE: 26-NOV-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP/93/402,129.6
; FILING DATE: 31-AUG-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP/92/403,222.0
; FILING DATE: 27-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: CHARLES A. MUSERLIAN
; REGISTRATION NUMBER: 19,683
; REFERENCE/DOCKET NUMBER: 410.004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 661-8000
; TELEFAX: (212) 661-8002
; INFORMATION FOR SEQ ID NO: 77:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 177 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; IMMEDIATE SOURCE:
; LIBRARY: be97
; POSITION IN GENOME:
; MAP POSITION: 5' untranslated region
US-09-378-900A-77

Query Match 66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;
Qy 1 GGGGUCCUGGAG 12
Db 26 GGGGTCCTGGAG 15
||||:|:|:|

RESULT 86
US-09-378-900A-78/c
; Sequence 78, Application US/09378900A

; Patent No. 6495670
; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
; APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
; TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
; TITLE OF INVENTION: ISOLATES
; NUMBER OF SEQUENCES: 97
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN & MUSERLIAN
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/378,900A
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/256,568
; FILING DATE: 18-JUL-1994
; APPLICATION NUMBER: PCT/EP93/03325
; FILING DATE: 26-NOV-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP/93/402,129.6
; FILING DATE: 31-AUG-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP/92/403,222.0
; FILING DATE: 27-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: CHARLES A. MUSERLIAN
; REGISTRATION NUMBER: 19,683
; REFERENCE/DOCKET NUMBER: 410.004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 661-8000
; TELEFAX: (212) 661-8002
; INFORMATION FOR SEQ ID NO: 78:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 177 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; IMMEDIATE SOURCE:
; CLONE: be95
; POSITION IN GENOME:
; MAP POSITION: 5' untranslated region
US-09-378-900A-78

Query Match 66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;
Qy 1 GGGGUCCUGGAG 12
Db 26 GGGGTCCTGGAG 15
||||:|:|:|

RESULT 87
US-09-378-900A-79/c
; Sequence 79, Application US/09378900A
; Patent No. 6495670
; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
; APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
; TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
; TITLE OF INVENTION: ISOLATES
; NUMBER OF SEQUENCES: 97

;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: BIERMAN & MUSERLIAN
;; STREET: 600 THIRD AVENUE
;; CITY: NEW YORK
;; STATE: NEW YORK
;; COUNTRY: USA
;; ZIP: 10016
;;
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: ASCII
;;
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/09/378,900A
;; FILING DATE:
;;
;; CLASSIFICATION:
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 08/256,568
;; FILING DATE: 18-JUL-1994
;; APPLICATION NUMBER: PCT/EP93/03325
;; FILING DATE: 26-NOV-1993
;;
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: EP/93/402,129.6
;; FILING DATE: 31-AUG-1993
;; APPLICATION NUMBER: EP/92/403,222.0
;; FILING DATE: 27-NOV-1992
;; ATTORNEY/AGENT INFORMATION:
;; NAME: CHARLES A. MUSERLIAN
;; REGISTRATION NUMBER: 19,683
;; REFERENCE/DOCKET NUMBER: 410.004
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (212) 661-8000
;; TELEFAX: (212) 661-8002
;; INFORMATION FOR SEQ ID NO: 79:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 177 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: cDNA
;; IMMEDIATE SOURCE:
;; CLONE: be96
;; POSITION IN GENOME:
;; MAP POSITION: 5' untranslated region
;;
US-09-378-900A-79

Query Match 66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
|||:|:|:|
Db 26 GGGGTCTTGAG 15

RESULT 88
US-09-378-900A-80/c
; Sequence 80, Application US/09378900A
; Patent No. 6495670
; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
; APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
; TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
; TITLE OF INVENTION: ISOLATES
; NUMBER OF SEQUENCES: 97
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN & MUSERLIAN
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016

;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: ASCII
;;
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/09/378,900A
;; FILING DATE:
;;
;; CLASSIFICATION:
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 08/256,568
;; FILING DATE: 18-JUL-1994
;; APPLICATION NUMBER: PCT/EP93/03325
;; FILING DATE: 26-NOV-1993
;;
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: EP/93/402,129.6
;; FILING DATE: 31-AUG-1993
;; APPLICATION NUMBER: EP/92/403,222.0
;; FILING DATE: 27-NOV-1992
;; ATTORNEY/AGENT INFORMATION:
;; NAME: CHARLES A. MUSERLIAN
;; REGISTRATION NUMBER: 19,683
;; REFERENCE/DOCKET NUMBER: 410.004
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (212) 661-8000
;; TELEFAX: (212) 661-8002
;; INFORMATION FOR SEQ ID NO: 80:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 177 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: cDNA
;; IMMEDIATE SOURCE:
;; CLONE: be98
;; POSITION IN GENOME:
;; MAP POSITION: 5' untranslated region
;;
US-09-378-900A-80

Query Match 66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
|||:|:|:|
Db 26 GGGGTCTTGAG 15

RESULT 89
US-09-899-044-61/c
; Sequence 61, Application US/09899044
; Patent No. 6548244
; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
; APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
; TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
; TITLE OF INVENTION: ISOLATES
; NUMBER OF SEQUENCES: 97
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN & MUSERLIAN
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/899,044

;
; FILING DATE: 06-Jul-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/378,900
; FILING DATE: <Unknown>
; APPLICATION NUMBER: PCT/EP93/03325
; FILING DATE: 26-NOV-1993
; APPLICATION NUMBER: EP/93/402,129.6
; FILING DATE: 31-AUG-1993
; APPLICATION NUMBER: EP/92/403,222.0
; FILING DATE: 27-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: CHARLES A. MUSERLIAN
; REGISTRATION NUMBER: 19,683
; REFERENCE/DOCKET NUMBER: 410.004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 661-8000
; TELEFAX: (212) 661-8002
; INFORMATION FOR SEQ ID NO: 61:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 177 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; IMMEDIATE SOURCE:
; CLONE: be82 (also referred to as be99)
; POSITION IN GENOME:
; MAP POSITION: 5' untranslated region
; SEQUENCE DESCRIPTION: SEQ ID NO: 61:
US-09-899-044-61

Query Match 66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
Db 26 GGGGTCCTGGAG 15
RESULT 90
US-09-899-044-67/c
; Sequence 67, Application US/09899044
; Patent No. 6548244
; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
; ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
; TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
; ISOLATES
; NUMBER OF SEQUENCES: 97
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN & MUSERLIAN
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/899,044
; FILING DATE: 06-Jul-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/378,900
; FILING DATE: <Unknown>
; APPLICATION NUMBER: PCT/EP93/03325
; FILING DATE: 26-NOV-1993
; APPLICATION NUMBER: EP/93/402,129.6

;
; FILING DATE: 31-AUG-1993
; APPLICATION NUMBER: EP/92/403,222.0
; FILING DATE: 27-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: CHARLES A. MUSERLIAN
; REGISTRATION NUMBER: 19,683
; REFERENCE/DOCKET NUMBER: 410.004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 661-8000
; TELEFAX: (212) 661-8002
; INFORMATION FOR SEQ ID NO: 67:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 177 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; IMMEDIATE SOURCE:
; CLONE: gb48
; POSITION IN GENOME:
; MAP POSITION: 5' untranslated region
; SEQUENCE DESCRIPTION: SEQ ID NO: 67:
US-09-899-044-67

Query Match 66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
Db 26 GGGGTCCTGGAG 15
RESULT 91
US-09-899-044-68/c
; Sequence 68, Application US/09899044
; Patent No. 6548244
; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
; ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
; TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
; ISOLATES
; NUMBER OF SEQUENCES: 97
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN & MUSERLIAN
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/899,044
; FILING DATE: 06-Jul-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/378,900
; FILING DATE: <Unknown>
; APPLICATION NUMBER: PCT/EP93/03325
; FILING DATE: 26-NOV-1993
; APPLICATION NUMBER: EP/93/402,129.6
; FILING DATE: 31-AUG-1993
; APPLICATION NUMBER: EP/92/403,222.0
; FILING DATE: 27-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: CHARLES A. MUSERLIAN
; REGISTRATION NUMBER: 19,683
; REFERENCE/DOCKET NUMBER: 410.004
; TELECOMMUNICATION INFORMATION:

TELEPHONE: (212) 661-8000
TELEFAX: (212) 661-8002
INFORMATION FOR SEQ ID NO: 68:
SEQUENCE CHARACTERISTICS:
LENGTH: 177 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
IMMEDIATE SOURCE:
CLONE: gb116
POSITION IN GENOME:
MAP POSITION: 5' untranslated region
SEQUENCE DESCRIPTION: SEQ ID NO: 68:
US-09-899-044-68

Query Match 66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
Db 26 GGGGTCCTGGAG 15

RESULT 92
US-09-899-044-69/c
Sequence 69, Application US/09899044
Patent No. 6548244
GENERAL INFORMATION:
APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
ISOLATES
NUMBER OF SEQUENCES: 97
CORRESPONDENCE ADDRESS:
ADDRESSEE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/899,044
FILING DATE: 06-Jul-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/378,900
FILING DATE: <Unknown>
FILING DATE: 26-NOV-1993
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 27-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 410.004
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 661-8000
TELEFAX: (212) 661-8002
INFORMATION FOR SEQ ID NO: 69:
SEQUENCE CHARACTERISTICS:
LENGTH: 177 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

MOLECULE TYPE: cDNA
IMMEDIATE SOURCE:
CLONE: gb569
POSITION IN GENOME:
MAP POSITION: 5' untranslated region
SEQUENCE DESCRIPTION: SEQ ID NO: 69:
US-09-899-044-69
Query Match 66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
Db 26 GGGGTCCTGGAG 15

RESULT 93
US-09-899-044-70/c
Sequence 70, Application US/09899044
Patent No. 6548244
GENERAL INFORMATION:
APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
ISOLATES
NUMBER OF SEQUENCES: 97
CORRESPONDENCE ADDRESS:
ADDRESSEE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/899,044
FILING DATE: 06-Jul-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/378,900
FILING DATE: <Unknown>
FILING DATE: 26-NOV-1993
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 31-AUG-1993
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 27-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 410.004
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 661-8000
TELEFAX: (212) 661-8002
INFORMATION FOR SEQ ID NO: 70:
SEQUENCE CHARACTERISTICS:
LENGTH: 177 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
IMMEDIATE SOURCE:
CLONE: gb358
POSITION IN GENOME:
MAP POSITION: 5' untranslated region
SEQUENCE DESCRIPTION: SEQ ID NO: 70:
US-09-899-044-70

Query Match 66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
Db 26 GGGGTCTGGAG 15

RESULT 94

US-09-899-044-72/c
; Sequence 72, Application US/09899044
; Patent No. 6548244
; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
; ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
; TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
; ISOLATES
; NUMBER OF SEQUENCES: 97
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN & MUSERLIAN
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/899,044
FILING DATE: 06-Jul-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/378,900
FILING DATE: <Unknown>
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 27-NOV-1992

ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 410.004
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 661-8000
TELEFAX: (212) 661-8002

SEQUENCE CHARACTERISTICS:
LENGTH: 177 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
IMMEDIATE SOURCE:
CLONE: cam600
POSITION IN GENOME:
MAP POSITION: 5', untranslated region
SEQUENCE DESCRIPTION: SEQ ID NO: 72:

US-09-899-044-72

Query Match 66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
Db 26 GGGGTCTGGAG 15

Query Match 66.7%; Score 12; DB 3; Length 177;

Best Local Similarity 83.3%; Pred. No. 8.8e+02;

Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
Db 26 GGGGTCTGGAG 15

RESULT 95

US-09-899-044-73/c
; Sequence 73, Application US/09899044
; Patent No. 6548244
; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
; ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
; TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
; ISOLATES
; NUMBER OF SEQUENCES: 97
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN & MUSERLIAN
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/899,044
FILING DATE: 06-Jul-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/378,900
FILING DATE: <Unknown>
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 27-NOV-1992

ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 410.004
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 661-8000
TELEFAX: (212) 661-8002

SEQUENCE CHARACTERISTICS:
LENGTH: 177 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
IMMEDIATE SOURCE:
CLONE: cam736
POSITION IN GENOME:
MAP POSITION: 5', untranslated region
SEQUENCE DESCRIPTION: SEQ ID NO: 73:

US-09-899-044-73

Query Match 66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
Db 26 GGGGTCTGGAG 15

Query Match 66.7%; Score 12; DB 3; Length 177;

Best Local Similarity 83.3%; Pred. No. 8.8e+02;

Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
Db 26 GGGGTCTGGAG 15

RESULT 96

US-09-899-044-74/c
; Sequence 74, Application US/09899044
; Patent No. 6548244
; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
; ROSSAU, RUDI; VAN HEUVERSWYN, HUGO

US-09-899-044-74

;; TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
;;
;; NUMBER OF SEQUENCES: 97
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: BIERMAN & MUSERLIAN
;; STREET: 600 THIRD AVENUE
;; CITY: NEW YORK
;; STATE: NEW YORK
;; COUNTRY: USA
;; ZIP: 10016
;;
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: ASCII
;;
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/09/899,044
;; FILING DATE: 06-Jul-2001
;; CLASSIFICATION: <Unknown>
;;
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 09/378,900
;; FILING DATE: <Unknown>
;; APPLICATION NUMBER: PCT/EP93/03325
;; FILING DATE: 26-NOV-1993
;; APPLICATION NUMBER: EP/93/402,129.6
;; FILING DATE: 31-AUG-1993
;; APPLICATION NUMBER: EP/92/403,222.0
;; FILING DATE: 27-NOV-1992
;; ATTORNEY/AGENT INFORMATION:
;; NAME: CHARLES A. MUSERLIAN
;; REGISTRATION NUMBER: 19,683
;; REFERENCE/DOCKET NUMBER: 410.004
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (212) 661-8000
;; TELEFAX: (212) 661-8002
;;
;; INFORMATION FOR SEQ ID NO: 74:
;;
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 177 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: cDNA
;; IMMEDIATE SOURCE:
;; CLONE: 9B809
;; POSITION IN GENOME:
;; MAP POSITION: 5' untranslated region
;; SEQUENCE DESCRIPTION: SEQ ID NO: 74:
US-09-899-044-74

Query Match 66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
|||:|:|:|
Db 26 GGGGTCTGGAG 15

RESULT 97

US-09-899-044-75/c
; Sequence 75, Application US/09899044
; Patent No. 6548244
; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
; ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
; TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
; ISOLATES
; NUMBER OF SEQUENCES: 97
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN & MUSERLIAN
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK

;; COUNTRY: USA
;; ZIP: 10016
;;
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: ASCII
;;
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/09/899,044
;; FILING DATE: 06-Jul-2001
;; CLASSIFICATION: <Unknown>
;;
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 09/378,900
;; FILING DATE: <Unknown>
;; APPLICATION NUMBER: PCT/EP93/03325
;; FILING DATE: 26-NOV-1993
;; APPLICATION NUMBER: EP/93/402,129.6
;; FILING DATE: 31-AUG-1993
;; APPLICATION NUMBER: EP/92/403,222.0
;; FILING DATE: 27-NOV-1992
;; ATTORNEY/AGENT INFORMATION:
;; NAME: CHARLES A. MUSERLIAN
;; REGISTRATION NUMBER: 19,683
;; REFERENCE/DOCKET NUMBER: 410.004
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (212) 661-8000
;; TELEFAX: (212) 661-8002
;;
;; INFORMATION FOR SEQ ID NO: 75:
;;
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 177 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: cDNA
;; IMMEDIATE SOURCE:
;; CLONE: 9B487
;; POSITION IN GENOME:
;; MAP POSITION: 5' untranslated region
;; SEQUENCE DESCRIPTION: SEQ ID NO: 75:
US-09-899-044-75

Query Match 66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
|||:|:|:|
Db 26 GGGGTCTGGAG 15

RESULT 98

US-09-899-044-76/c
; Sequence 76, Application US/09899044
; Patent No. 6548244
; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
; ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
; TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
; ISOLATES
; NUMBER OF SEQUENCES: 97
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN & MUSERLIAN
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/899,044
FILING DATE: 06-Jul-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/378,900
FILING DATE: <Unknown>
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 27-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 410.004
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 661-8000
TELEFAX: (212) 661-8002
INFORMATION FOR SEQ ID NO: 76:
SEQUENCE CHARACTERISTICS:
LENGTH: 177 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
IMMEDIATE SOURCE:
CLONE: 9b724
POSITION IN GENOME:
MAP POSITION: 5' untranslated region
SEQUENCE DESCRIPTION: SEQ ID NO: 76:
US-09-899-044-76

Query Match 66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
||||:|||||
DB 26 GGGGTCTGGAG 15

RESULT 99
US-09-899-044-77/c
; Sequence 77, Application US/09899044
; Patent No. 6548244
; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
; ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
; TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
; ISOLATES
; NUMBER OF SEQUENCES: 97
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN & MUSERLIAN
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/899,044
; FILING DATE: 06-Jul-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/378,900
; FILING DATE: <Unknown>
; APPLICATION NUMBER: PCT/EP93/03325
; FILING DATE: 26-NOV-1993

APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 27-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 410.004
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 661-8000
TELEFAX: (212) 661-8002
INFORMATION FOR SEQ ID NO: 77:
SEQUENCE CHARACTERISTICS:
LENGTH: 177 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
IMMEDIATE SOURCE:
LIBRARY: be97
POSITION IN GENOME:
MAP POSITION: 5' untranslated region
SEQUENCE DESCRIPTION: SEQ ID NO: 77:
US-09-899-044-77

Query Match 66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
||||:|||||
DB 26 GGGGTCTGGAG 15

RESULT 100
US-09-899-044-78/c
; Sequence 78, Application US/09899044
; Patent No. 6548244
; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
; ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
; TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
; ISOLATES
; NUMBER OF SEQUENCES: 97
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN & MUSERLIAN
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/899,044
; FILING DATE: 06-Jul-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/378,900
; FILING DATE: <Unknown>
; APPLICATION NUMBER: PCT/EP93/03325
; FILING DATE: 26-NOV-1993
; APPLICATION NUMBER: EP/93/402,129.6
; FILING DATE: 31-AUG-1993
; APPLICATION NUMBER: EP/92/403,222.0
; FILING DATE: 27-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: CHARLES A. MUSERLIAN
; REGISTRATION NUMBER: 19,683
; REFERENCE/DOCKET NUMBER: 410.004


```
;
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 661-8000
; TELEFAX: (212) 661-8002
; INFORMATION FOR SEQ ID NO: 78:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 177 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cdna
; IMMEDIATE SOURCE:
; CLONE: be95
; POSITION IN GENOME:
; MAP POSITION: 5' untranslated region
; SEQUENCE DESCRIPTION: SEQ ID NO: 78:
US-09-899-044-78

Query Match          66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
Db 26 GGGGTCTGGAG 15

RESULT 101
US-09-899-044-79/c
; Sequence 79, Application US/09899044
; Patent No. 6548244
; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
; TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
; ISOLATES
; NUMBER OF SEQUENCES: 97
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN & MUSERLIAN
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/899,044
; FILING DATE: 06-Jul-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/378,900
; FILING DATE: <Unknown>
; APPLICATION NUMBER: PCT/EP93/03325
; FILING DATE: 26-NOV-1993
; APPLICATION NUMBER: EP/93/402,129.6
; FILING DATE: 31-AUG-1993
; APPLICATION NUMBER: EP/92/403,222.0
; FILING DATE: 27-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: CHARLES A. MUSERLIAN
; REGISTRATION NUMBER: 19,683
; REFERENCE/DOCKET NUMBER: 410.004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 661-8000
; TELEFAX: (212) 661-8002
; INFORMATION FOR SEQ ID NO: 79:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 177 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
```

```
;
; TOPOLOGY: linear
; MOLECULE TYPE: cdna
; IMMEDIATE SOURCE:
; CLONE: be96
; POSITION IN GENOME:
; MAP POSITION: 5' untranslated region
; SEQUENCE DESCRIPTION: SEQ ID NO: 79:
US-09-899-044-79

Query Match          66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
Db 26 GGGGTCTGGAG 15

RESULT 102
US-09-899-044-80/c
; Sequence 80, Application US/09899044
; Patent No. 6548244
; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
; TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
; ISOLATES
; NUMBER OF SEQUENCES: 97
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN & MUSERLIAN
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/899,044
; FILING DATE: 06-Jul-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/378,900
; FILING DATE: <Unknown>
; APPLICATION NUMBER: PCT/EP93/03325
; FILING DATE: 26-NOV-1993
; APPLICATION NUMBER: EP/93/402,129.6
; FILING DATE: 31-AUG-1993
; APPLICATION NUMBER: EP/92/403,222.0
; FILING DATE: 27-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: CHARLES A. MUSERLIAN
; REGISTRATION NUMBER: 19,683
; REFERENCE/DOCKET NUMBER: 410.004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 661-8000
; TELEFAX: (212) 661-8002
; INFORMATION FOR SEQ ID NO: 80:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 177 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cdna
; IMMEDIATE SOURCE:
; CLONE: be98
; POSITION IN GENOME:
; MAP POSITION: 5' untranslated region
; SEQUENCE DESCRIPTION: SEQ ID NO: 80:
US-09-899-044-80
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Query Match 66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
Db 26 GGGGTCTGGAG 15
||||:||||

RESULT 103

US-09-899-302-61/c
; Sequence 61, Application US/09899302
; Patent No. 6887985
; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
; APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
; TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
; TITLE OF INVENTION: ISOLATES
; NUMBER OF SEQUENCES: 97
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN & MUSERLIAN
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016

COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/899,302
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/378,900
; FILING DATE:
; FILING DATE: 18-JUL-1994
; APPLICATION NUMBER: 08/256,568
; FILING DATE: 18-JUL-1994
; APPLICATION NUMBER: PCT/EP93/03325
; FILING DATE: 26-NOV-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP/93/402,129.6
; FILING DATE: 31-AUG-1993

PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP/92/403,222.0
; FILING DATE: 27-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: CHARLES A. MUSERLIAN
; REGISTRATION NUMBER: 19,683
; REFERENCE/DOCKET NUMBER: 410.004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 661-8000
; TELEFAX: (212) 661-8002
; INFORMATION FOR SEQ ID NO: 61:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 177 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; IMMEDIATE SOURCE:
; CLONE: be82 (also referred to as be99)
; POSITION IN GENOME:
; MAP POSITION: 5', untranslated region

US-09-899-302-61

Query Match 66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
Db 26 GGGGTCTGGAG 15
||||:||||

RESULT 104

US-09-899-302-67/c
; Sequence 67, Application US/09899302
; Patent No. 6887985
; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
; APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
; TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
; TITLE OF INVENTION: ISOLATES
; NUMBER OF SEQUENCES: 97
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN & MUSERLIAN
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016

COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/899,302
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/378,900
; FILING DATE:
; APPLICATION NUMBER: 08/256,568
; FILING DATE: 18-JUL-1994
; APPLICATION NUMBER: PCT/EP93/03325
; FILING DATE: 26-NOV-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP/93/402,129.6
; FILING DATE: 31-AUG-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP/92/403,222.0
; FILING DATE: 27-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: CHARLES A. MUSERLIAN
; REGISTRATION NUMBER: 19,683
; REFERENCE/DOCKET NUMBER: 410.004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 661-8000
; TELEFAX: (212) 661-8002
; INFORMATION FOR SEQ ID NO: 67:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 177 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; IMMEDIATE SOURCE:
; CLONE: gb48
; POSITION IN GENOME:
; MAP POSITION: 5', untranslated region

US-09-899-302-67

Query Match 66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
Db 26 GGGGTCTGGAG 15
||||:||||

;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: BIERMAN & MUSERLIAN
;; STREET: 600 THIRD AVENUE
;; CITY: NEW YORK
;; STATE: NEW YORK
;; COUNTRY: USA
;; ZIP: 10016
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: ASCII
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/09/899,302
;; FILING DATE:
;; CLASSIFICATION:
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 09/378,900
;; FILING DATE:
;; APPLICATION NUMBER: 08/256,568
;; FILING DATE: 18-JUL-1994
;; APPLICATION NUMBER: PCT/EP93/03325
;; FILING DATE: 26-NOV-1993
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: EP/93/402,129.6
;; FILING DATE: 31-AUG-1993
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: EP/92/403,222.0
;; FILING DATE: 27-NOV-1992
;; ATTORNEY/AGENT INFORMATION:
;; NAME: CHARLES A. MUSERLIAN
;; REGISTRATION NUMBER: 19,683
;; REFERENCE/DOCKET NUMBER: 410,004
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (212) 661-8000
;; TELEFAX: (212) 661-8002
;; INFORMATION FOR SEQ ID NO: 70:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 177 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: cDNA
;; IMMEDIATE SOURCE:
;; CLONE: gb358
;; POSITION IN GENOME:
;; MAP POSITION: 5' untranslated region
US-09-899-302-70

Query Match 66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
Db 26 GGGGTCCTGGAG 15

RESULT 108
US-09-899-302-72/c
; Sequence 72, Application US/09899302
; Patent No. 6887985
; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
; APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
; TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
; TITLE OF INVENTION: ISOLATES
; NUMBER OF SEQUENCES: 97
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN & MUSERLIAN
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK

;; COUNTRY: USA
;; ZIP: 10016
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: ASCII
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/09/899,302
;; FILING DATE:
;; CLASSIFICATION:
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 09/378,900
;; FILING DATE:
;; APPLICATION NUMBER: 08/256,568
;; FILING DATE: 18-JUL-1994
;; APPLICATION NUMBER: PCT/EP93/03325
;; FILING DATE: 26-NOV-1993
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: EP/93/402,129.6
;; FILING DATE: 31-AUG-1993
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: EP/92/403,222.0
;; FILING DATE: 27-NOV-1992
;; ATTORNEY/AGENT INFORMATION:
;; NAME: CHARLES A. MUSERLIAN
;; REGISTRATION NUMBER: 19,683
;; REFERENCE/DOCKET NUMBER: 410,004
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (212) 661-8000
;; TELEFAX: (212) 661-8002
;; INFORMATION FOR SEQ ID NO: 72:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 177 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: cDNA
;; IMMEDIATE SOURCE:
;; CLONE: cam600
;; POSITION IN GENOME:
;; MAP POSITION: 5' untranslated region
US-09-899-302-72

Query Match 66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
Db 26 GGGGTCCTGGAG 15

RESULT 109
US-09-899-302-73/c
; Sequence 73, Application US/09899302
; Patent No. 6887985
; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
; APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
; TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
; TITLE OF INVENTION: ISOLATES
; NUMBER OF SEQUENCES: 97
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN & MUSERLIAN
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible

```

; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/899,302
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/378,900
; FILING DATE:
; APPLICATION NUMBER: 08/256,568
; FILING DATE: 18-JUL-1994
; APPLICATION NUMBER: PCT/EP93/03325
; FILING DATE: 26-NOV-1993
; PRIOR APPLICATION DATA: EP/93/402,129.6
; APPLICATION NUMBER: EP/93/402,129.6
; FILING DATE: 31-AUG-1993
; PRIOR APPLICATION DATA: EP/92/403,222.0
; APPLICATION NUMBER: EP/92/403,222.0
; FILING DATE: 27-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: CHARLES A. MUSERLIAN
; REGISTRATION NUMBER: 19,683
; REFERENCE/DOCKET NUMBER: 410.004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 661-8000
; TELEFAX: (212) 661-8002
; INFORMATION FOR SEQ ID NO: 73:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 177 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; IMMEDIATE SOURCE:
; CLONE: cam736
; POSITION IN GENOME:
; MAP POSITION: 5' untranslated region
US-09-899-302-73
```

```

Query Match 66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;
```

```

Qy 1 GGGGUCCUGGAG 12
Db 26 GGGGTCTCTGGAG 15
||||:|||||
```

RESULT 110

```

US-09-899-302-74/c
; Sequence 74, Application US/09899302
; Patent No. 6887985
; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
; APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
; TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
; TITLE OF INVENTION: ISOLATES
; NUMBER OF SEQUENCES: 97
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN & MUSERLIAN
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/899,302
; FILING DATE:
```

```

; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/378,900
; FILING DATE:
; APPLICATION NUMBER: 08/256,568
; FILING DATE: 18-JUL-1994
; APPLICATION NUMBER: PCT/EP93/03325
; FILING DATE: 26-NOV-1993
; PRIOR APPLICATION DATA: EP/93/402,129.6
; APPLICATION NUMBER: EP/93/402,129.6
; FILING DATE: 31-AUG-1993
; PRIOR APPLICATION DATA: EP/92/403,222.0
; APPLICATION NUMBER: EP/92/403,222.0
; FILING DATE: 27-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: CHARLES A. MUSERLIAN
; REGISTRATION NUMBER: 19,683
; REFERENCE/DOCKET NUMBER: 410.004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 661-8000
; TELEFAX: (212) 661-8002
; INFORMATION FOR SEQ ID NO: 74:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 177 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; IMMEDIATE SOURCE:
; CLONE: gb809
; POSITION IN GENOME:
; MAP POSITION: 5' untranslated region
US-09-899-302-74
```

```

Query Match 66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;
```

```

Qy 1 GGGGUCCUGGAG 12
Db 26 GGGGTCTCTGGAG 15
||||:|||||
```

RESULT 111

```

US-09-899-302-75/c
; Sequence 75, Application US/09899302
; Patent No. 6887985
; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
; APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
; TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
; TITLE OF INVENTION: ISOLATES
; NUMBER OF SEQUENCES: 97
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN & MUSERLIAN
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/899,302
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/378,900
; FILING DATE:
; APPLICATION NUMBER: 08/256,568
```

;
; FILING DATE: 18-JUL-1994
; APPLICATION NUMBER: PCT/EP93/03325
; FILING DATE: 26-NOV-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP/93/402,129.6
; FILING DATE: 31-AUG-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP/92/403,222.0
; FILING DATE: 27-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: CHARLES A. MUSERLIAN
; REGISTRATION NUMBER: 19,683
; REFERENCE/DOCKET NUMBER: 410.004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 661-8000
; TELEFAX: (212) 661-8002
; INFORMATION FOR SEQ ID NO: 75:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 177 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; IMMEDIATE SOURCE:
; CLONE: gb487
; POSITION IN GENOME:
; MAP POSITION: 5' untranslated region
US-09-899-302-75

Query Match 66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
|||:|:|:|
Db 26 GGGGTCCTGGAG 15

RESULT 112
US-09-899-302-76/c
; Sequence 76, Application US/09899302
; Patent No. 6887985
; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
; APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
; TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
; TITLE OF INVENTION: ISOLATES
; NUMBER OF SEQUENCES: 97
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN & MUSERLIAN
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/899,302
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/378,900
; FILING DATE:
; APPLICATION NUMBER: 08/256,568
; FILING DATE: 18-JUL-1994
; APPLICATION NUMBER: PCT/EP93/03325
; FILING DATE: 26-NOV-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP/93/402,129.6

;
; FILING DATE: 31-AUG-1993
; APPLICATION DATA:
; APPLICATION NUMBER: EP/92/403,222.0
; FILING DATE: 27-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: CHARLES A. MUSERLIAN
; REGISTRATION NUMBER: 19,683
; REFERENCE/DOCKET NUMBER: 410.004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 661-8000
; TELEFAX: (212) 661-8002
; INFORMATION FOR SEQ ID NO: 76:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 177 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; IMMEDIATE SOURCE:
; CLONE: gb724
; POSITION IN GENOME:
; MAP POSITION: 5' untranslated region
US-09-899-302-76

Query Match 66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
|||:|:|:|
Db 26 GGGGTCCTGGAG 15

RESULT 113
US-09-899-302-77/c
; Sequence 77, Application US/09899302
; Patent No. 6887985
; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
; APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
; TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
; TITLE OF INVENTION: ISOLATES
; NUMBER OF SEQUENCES: 97
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN & MUSERLIAN
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/899,302
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/378,900
; FILING DATE:
; APPLICATION NUMBER: 08/256,568
; FILING DATE: 18-JUL-1994
; APPLICATION NUMBER: PCT/EP93/03325
; FILING DATE: 26-NOV-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP/93/402,129.6
; FILING DATE: 31-AUG-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP/92/403,222.0
; FILING DATE: 27-NOV-1992
; ATTORNEY/AGENT INFORMATION:

NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 410.004
TELEPHONE: (212) 661-8000
TELEFAX: (212) 661-8002
INFORMATION FOR SEQ ID NO: 77:
SEQUENCE CHARACTERISTICS:
LENGTH: 177 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
IMMEDIATE SOURCE:
LIBRARY: be97
POSITION IN GENOME:
MAP POSITION: 5', untranslated region
US-09-899-302-77

Query Match 66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
|||||:|||||
Db 26 GGGGTCTGGAG 15

RESULT 114

US-09-899-302-78/c
Sequence 78, Application US/09899302
Patent No. 6887985
GENERAL INFORMATION:
APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
TITLE OF INVENTION: ISOLATES
NUMBER OF SEQUENCES: 97
CORRESPONDENCE ADDRESS:
ADDRESSEE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/899,302
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/378,900
FILING DATE:
APPLICATION NUMBER: 08/256,568
FILING DATE: 18-JUL-1994
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 27-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 410.004
TELEPHONE: (212) 661-8000
TELEFAX: (212) 661-8002

TELEFAX: (212) 661-8002
INFORMATION FOR SEQ ID NO: 78:
SEQUENCE CHARACTERISTICS:
LENGTH: 177 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
IMMEDIATE SOURCE:
CLONE: be95
POSITION IN GENOME:
MAP POSITION: 5', untranslated region
US-09-899-302-78

Query Match 66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
|||||:|||||
Db 26 GGGGTCTGGAG 15

RESULT 115

US-09-899-302-79/c
Sequence 79, Application US/09899302
Patent No. 6887985
GENERAL INFORMATION:
APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
TITLE OF INVENTION: ISOLATES
NUMBER OF SEQUENCES: 97
CORRESPONDENCE ADDRESS:
ADDRESSEE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/899,302
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/378,900
FILING DATE:
APPLICATION NUMBER: 08/256,568
FILING DATE: 18-JUL-1994
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 27-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 410.004
TELEPHONE: (212) 661-8000
TELEFAX: (212) 661-8002
INFORMATION FOR SEQ ID NO: 79:
SEQUENCE CHARACTERISTICS:
LENGTH: 177 base pairs
TYPE: nucleic acid

```
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; IMMEDIATE SOURCE:
; CLONE: be96
; POSITION IN GENOME:
; MAP POSITION: 5' untranslated region
US-09-899-302-79

Query Match      66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
Db 26 GGGGTCTCTGGAG 15

RESULT 116
US-09-899-302-80/c
; Sequence 80, Application US/09899302
; Patent No. 6887985
; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
; APPLICANT: ROSSAU, RUDI; VAN HEUVERSWIN, HUGO
; TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
; TITLE OF INVENTION: ISOLATES
; NUMBER OF SEQUENCES: 97
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN & MUSERLIAN
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/899,302
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/378,900
; FILING DATE:
; APPLICATION NUMBER: 08/256,568
; FILING DATE: 18-JUL-1994
; APPLICATION NUMBER: PCT/EP93/03325
; FILING DATE: 26-NOV-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP/93/402,129.6
; FILING DATE: 31-AUG-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP/92/403,222.0
; FILING DATE: 27-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: CHARLES A. MUSERLIAN
; REGISTRATION NUMBER: 19,683
; REFERENCE/DOCKET NUMBER: 410.004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 661-8000
; TELEFAX: (212) 661-8002
; INFORMATION FOR SEQ ID NO: 80:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 177 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; IMMEDIATE SOURCE:
; CLONE: be98
```

```
; POSITION IN GENOME:
; MAP POSITION: 5' untranslated region
US-09-899-302-80

Query Match      66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
Db 26 GGGGTCTCTGGAG 15

RESULT 117
US-09-899-082B-61/c
; Sequence 61, Application US/09899082B
; Patent No. 6891026
; GENERAL INFORMATION:
; APPLICANT: Innogenetics N.V.
; TITLE OF INVENTION: Process for typing of HCV isolates
; FILE REFERENCE: 2551-111
; CURRENT APPLICATION NUMBER: US/09/899,082B
; CURRENT FILING DATE: 2001-07-06
; PRIOR APPLICATION NUMBER: 09/378,900
; PRIOR FILING DATE: 1999-08-23
; PRIOR APPLICATION NUMBER: 09/044,665
; PRIOR FILING DATE: 1998-03-19
; PRIOR APPLICATION NUMBER: 08/256,568
; PRIOR FILING DATE: 1994-07-18
; PRIOR APPLICATION NUMBER: PCT/EP93/03325
; PRIOR FILING DATE: 1993-11-26
; PRIOR APPLICATION NUMBER: EP92403222
; PRIOR FILING DATE: 1992-11-27
; PRIOR APPLICATION NUMBER: EP93402129
; PRIOR FILING DATE: 1993-08-31
; NUMBER OF SEQ ID NOS: 128
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 61
; LENGTH: 177
; TYPE: DNA
; ORGANISM: hepatitis C virus
US-09-899-082B-61

Query Match      66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
Db 26 GGGGTCTCTGGAG 15

RESULT 118
US-09-899-082B-67/c
; Sequence 67, Application US/09899082B
; Patent No. 6891026
; GENERAL INFORMATION:
; APPLICANT: Innogenetics N.V.
; TITLE OF INVENTION: Process for typing of HCV isolates
; FILE REFERENCE: 2551-111
; CURRENT APPLICATION NUMBER: US/09/899,082B
; CURRENT FILING DATE: 2001-07-06
; PRIOR APPLICATION NUMBER: 09/378,900
; PRIOR FILING DATE: 1999-08-23
; PRIOR APPLICATION NUMBER: 09/044,665
; PRIOR FILING DATE: 1998-03-19
; PRIOR APPLICATION NUMBER: 08/256,568
; PRIOR FILING DATE: 1994-07-18
; PRIOR APPLICATION NUMBER: PCT/EP93/03325
; PRIOR FILING DATE: 1993-11-26
; PRIOR APPLICATION NUMBER: EP92403222
; PRIOR FILING DATE: 1992-11-27
; PRIOR APPLICATION NUMBER: EP93402129
```


; PRIOR FILING DATE: 1993-08-31
; NUMBER OF SEQ ID NOS: 128
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 67
; LENGTH: 177
; TYPE: DNA
; ORGANISM: hepatitis C virus
US-09-899-082B-67

Query Match 66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
Db 26 GGGGTCTGGAG 15

RESULT 119

US-09-899-082B-68/c
; Sequence 68, Application US/09899082B
; Patent No. 6891026
; GENERAL INFORMATION:
; APPLICANT: Innogenetics N.V.
; TITLE OF INVENTION: Process for typing of HCV isolates
; FILE REFERENCE: 2551-111
; CURRENT APPLICATION NUMBER: US/09/899,082B
; CURRENT FILING DATE: 2001-07-06
; PRIOR APPLICATION NUMBER: 09/378,900
; PRIOR FILING DATE: 1999-08-23
; PRIOR APPLICATION NUMBER: 09/044,665
; PRIOR FILING DATE: 1998-03-19
; PRIOR APPLICATION NUMBER: 08/256,568
; PRIOR FILING DATE: 1994-07-18
; PRIOR APPLICATION NUMBER: PCT/EP93/03325
; PRIOR FILING DATE: 1993-11-26
; PRIOR APPLICATION NUMBER: EP92403222
; PRIOR FILING DATE: 1992-11-27
; PRIOR APPLICATION NUMBER: EP93402129
; PRIOR FILING DATE: 1993-08-31
; NUMBER OF SEQ ID NOS: 128
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 68
; LENGTH: 177
; TYPE: DNA
; ORGANISM: hepatitis C virus
US-09-899-082B-68

Query Match 66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
Db 26 GGGGTCTGGAG 15

RESULT 120

US-09-899-082B-69/c
; Sequence 69, Application US/09899082B
; Patent No. 6891026
; GENERAL INFORMATION:
; APPLICANT: Innogenetics N.V.
; TITLE OF INVENTION: Process for typing of HCV isolates
; FILE REFERENCE: 2551-111
; CURRENT APPLICATION NUMBER: US/09/899,082B
; CURRENT FILING DATE: 2001-07-06
; PRIOR APPLICATION NUMBER: 09/378,900
; PRIOR FILING DATE: 1999-08-23
; PRIOR APPLICATION NUMBER: 09/044,665
; PRIOR FILING DATE: 1998-03-19
; PRIOR APPLICATION NUMBER: 08/256,568
; PRIOR FILING DATE: 1994-07-18

; PRIOR APPLICATION NUMBER: PCT/EP93/03325
; PRIOR FILING DATE: 1993-11-26
; PRIOR APPLICATION NUMBER: EP92403222
; PRIOR FILING DATE: 1992-11-27
; PRIOR APPLICATION NUMBER: EP93402129
; PRIOR FILING DATE: 1993-08-31
; NUMBER OF SEQ ID NOS: 128
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 69
; LENGTH: 177
; TYPE: DNA
; ORGANISM: hepatitis C virus
US-09-899-082B-69

Query Match 66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
Db 26 GGGGTCTGGAG 15

RESULT 121

US-09-899-082B-70/c
; Sequence 70, Application US/09899082B
; Patent No. 6891026
; GENERAL INFORMATION:
; APPLICANT: Innogenetics N.V.
; TITLE OF INVENTION: Process for typing of HCV isolates
; FILE REFERENCE: 2551-111
; CURRENT APPLICATION NUMBER: US/09/899,082B
; CURRENT FILING DATE: 2001-07-06
; PRIOR APPLICATION NUMBER: 09/378,900
; PRIOR FILING DATE: 1999-08-23
; PRIOR APPLICATION NUMBER: 09/044,665
; PRIOR FILING DATE: 1998-03-19
; PRIOR APPLICATION NUMBER: 08/256,568
; PRIOR FILING DATE: 1994-07-18
; PRIOR APPLICATION NUMBER: PCT/EP93/03325
; PRIOR FILING DATE: 1993-11-26
; PRIOR APPLICATION NUMBER: EP92403222
; PRIOR FILING DATE: 1992-11-27
; PRIOR APPLICATION NUMBER: EP93402129
; PRIOR FILING DATE: 1993-08-31
; NUMBER OF SEQ ID NOS: 128
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 70
; LENGTH: 177
; TYPE: DNA
; ORGANISM: hepatitis C virus
US-09-899-082B-70

Query Match 66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
Db 26 GGGGTCTGGAG 15

RESULT 122

US-09-899-082B-72/c
; Sequence 72, Application US/09899082B
; Patent No. 6891026
; GENERAL INFORMATION:
; APPLICANT: Innogenetics N.V.
; TITLE OF INVENTION: Process for typing of HCV isolates
; FILE REFERENCE: 2551-111
; CURRENT APPLICATION NUMBER: US/09/899,082B
; CURRENT FILING DATE: 2001-07-06
; PRIOR APPLICATION NUMBER: 09/378,900

```
; PRIOR FILING DATE: 1993-08-23
; PRIOR APPLICATION NUMBER: 09/044,665
; PRIOR FILING DATE: 1998-03-19
; PRIOR APPLICATION NUMBER: 08/256,568
; PRIOR FILING DATE: 1994-07-18
; PRIOR APPLICATION NUMBER: PCT/EP93/03325
; PRIOR FILING DATE: 1993-11-26
; PRIOR APPLICATION NUMBER: EP92403222
; PRIOR FILING DATE: 1992-11-27
; PRIOR APPLICATION NUMBER: EP93402129
; PRIOR FILING DATE: 1993-08-31
; NUMBER OF SEQ ID NOS: 128
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 72
; LENGTH: 177
; TYPE: DNA
; ORGANISM: hepatitis C virus
US-09-899-082B-72
```

```
Query Match          66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 1 GGGGUCCUGGAG 12
    ||||:||||
Db 26 GGGGTCTGGAG 15
```

RESULT 123

```
US-09-899-082B-73/c
; Sequence 73, Application US/09899082B
; Patent No. 6891026
; GENERAL INFORMATION:
; APPLICANT: Innogenetics N.V.
; TITLE OF INVENTION: Process for typing of HCV isolates
; FILE REFERENCE: 2551-111
; CURRENT APPLICATION NUMBER: US/09/899,082B
; CURRENT FILING DATE: 2001-07-06
; PRIOR FILING DATE: 1999-08-23
; PRIOR APPLICATION NUMBER: 09/378,900
; PRIOR FILING DATE: 1998-03-19
; PRIOR APPLICATION NUMBER: 08/256,568
; PRIOR FILING DATE: 1994-07-18
; PRIOR APPLICATION NUMBER: PCT/EP93/03325
; PRIOR FILING DATE: 1993-11-26
; PRIOR APPLICATION NUMBER: EP92403222
; PRIOR FILING DATE: 1992-11-27
; PRIOR APPLICATION NUMBER: EP93402129
; PRIOR FILING DATE: 1993-08-31
; NUMBER OF SEQ ID NOS: 128
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 73
; LENGTH: 177
; TYPE: DNA
; ORGANISM: hepatitis C virus
US-09-899-082B-73
```

```
Query Match          66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 1 GGGGUCCUGGAG 12
    ||||:||||
Db 26 GGGGTCTGGAG 15
```

RESULT 124

```
US-09-899-082B-74/c
; Sequence 74, Application US/09899082B
; Patent No. 6891026
; GENERAL INFORMATION:
; APPLICANT: Innogenetics N.V.
```

```
; TITLE OF INVENTION: Process for typing of HCV isolates
; FILE REFERENCE: 2551-111
; CURRENT APPLICATION NUMBER: US/09/899,082B
; CURRENT FILING DATE: 2001-07-06
; PRIOR FILING DATE: 1999-08-23
; PRIOR APPLICATION NUMBER: 09/378,900
; PRIOR FILING DATE: 1998-03-19
; PRIOR APPLICATION NUMBER: 08/256,568
; PRIOR FILING DATE: 1994-07-18
; PRIOR APPLICATION NUMBER: PCT/EP93/03325
; PRIOR FILING DATE: 1993-11-26
; PRIOR APPLICATION NUMBER: EP92403222
; PRIOR FILING DATE: 1992-11-27
; PRIOR APPLICATION NUMBER: EP93402129
; PRIOR FILING DATE: 1993-08-31
; NUMBER OF SEQ ID NOS: 128
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 74
; LENGTH: 177
; TYPE: DNA
; ORGANISM: hepatitis C virus
US-09-899-082B-74
```

```
Query Match          66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 1 GGGGUCCUGGAG 12
    ||||:||||
Db 26 GGGGTCTGGAG 15
```

RESULT 125

```
US-09-899-082B-75/c
; Sequence 75, Application US/09899082B
; Patent No. 6891026
; GENERAL INFORMATION:
; APPLICANT: Innogenetics N.V.
; TITLE OF INVENTION: Process for typing of HCV isolates
; FILE REFERENCE: 2551-111
; CURRENT APPLICATION NUMBER: US/09/899,082B
; CURRENT FILING DATE: 2001-07-06
; PRIOR FILING DATE: 1999-08-23
; PRIOR APPLICATION NUMBER: 09/378,900
; PRIOR FILING DATE: 1998-03-19
; PRIOR APPLICATION NUMBER: 08/256,568
; PRIOR FILING DATE: 1994-07-18
; PRIOR APPLICATION NUMBER: PCT/EP93/03325
; PRIOR FILING DATE: 1993-11-26
; PRIOR APPLICATION NUMBER: EP92403222
; PRIOR FILING DATE: 1992-11-27
; PRIOR APPLICATION NUMBER: EP93402129
; PRIOR FILING DATE: 1993-08-31
; NUMBER OF SEQ ID NOS: 128
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 75
; LENGTH: 177
; TYPE: DNA
; ORGANISM: hepatitis C virus
US-09-899-082B-75
```

```
Query Match          66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 1 GGGGUCCUGGAG 12
    ||||:||||
Db 26 GGGGTCTGGAG 15
```

RESULT 126

US-09-899-082B-76/c
; Sequence 76, Application US/09899082B
; Patent No. 6891026
; GENERAL INFORMATION:
; APPLICANT: Innogenetics N.V.
; TITLE OF INVENTION: Process for typing of HCV isolates
; FILE REFERENCE: 2551-111
; CURRENT APPLICATION NUMBER: US/09/899,082B
; CURRENT FILING DATE: 2001-07-06
; PRIOR APPLICATION NUMBER: 09/378,900
; PRIOR FILING DATE: 1999-08-23
; PRIOR APPLICATION NUMBER: 09/044,665
; PRIOR FILING DATE: 1998-03-19
; PRIOR APPLICATION NUMBER: 08/256,568
; PRIOR FILING DATE: 1994-07-18
; PRIOR APPLICATION NUMBER: PCT/EP93/03325
; PRIOR FILING DATE: 1993-11-26
; PRIOR APPLICATION NUMBER: EP92403222
; PRIOR FILING DATE: 1992-11-27
; PRIOR APPLICATION NUMBER: EP93402129
; PRIOR FILING DATE: 1993-08-31
; NUMBER OF SEQ ID NOS: 128
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 76
; LENGTH: 177
; TYPE: DNA
; ORGANISM: hepatitis C virus
US-09-899-082B-76

Query Match 66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
Db 26 GGGGTCTGGAG 15
||||:||||

RESULT 127

US-09-899-082B-77/c
; Sequence 77, Application US/09899082B
; Patent No. 6891026
; GENERAL INFORMATION:
; APPLICANT: Innogenetics N.V.
; TITLE OF INVENTION: Process for typing of HCV isolates
; FILE REFERENCE: 2551-111
; CURRENT APPLICATION NUMBER: US/09/899,082B
; CURRENT FILING DATE: 2001-07-06
; PRIOR APPLICATION NUMBER: 09/378,900
; PRIOR FILING DATE: 1999-08-23
; PRIOR APPLICATION NUMBER: 09/044,665
; PRIOR FILING DATE: 1998-03-19
; PRIOR APPLICATION NUMBER: 08/256,568
; PRIOR FILING DATE: 1994-07-18
; PRIOR APPLICATION NUMBER: PCT/EP93/03325
; PRIOR FILING DATE: 1993-11-26
; PRIOR APPLICATION NUMBER: EP92403222
; PRIOR FILING DATE: 1992-11-27
; PRIOR APPLICATION NUMBER: EP93402129
; PRIOR FILING DATE: 1993-08-31
; NUMBER OF SEQ ID NOS: 128
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 77
; LENGTH: 177
; TYPE: DNA
; ORGANISM: hepatitis C virus
US-09-899-082B-77

Query Match 66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12

Db 26 GGGGTCTGGAG 15
||||:||||

RESULT 128
US-09-899-082B-78/c
; Sequence 78, Application US/09899082B
; Patent No. 6891026
; GENERAL INFORMATION:
; APPLICANT: Innogenetics N.V.
; TITLE OF INVENTION: Process for typing of HCV isolates
; FILE REFERENCE: 2551-111
; CURRENT APPLICATION NUMBER: US/09/899,082B
; CURRENT FILING DATE: 2001-07-06
; PRIOR APPLICATION NUMBER: 09/378,900
; PRIOR FILING DATE: 1999-08-23
; PRIOR APPLICATION NUMBER: 09/044,665
; PRIOR FILING DATE: 1998-03-19
; PRIOR APPLICATION NUMBER: 08/256,568
; PRIOR FILING DATE: 1994-07-18
; PRIOR APPLICATION NUMBER: PCT/EP93/03325
; PRIOR FILING DATE: 1993-11-26
; PRIOR APPLICATION NUMBER: EP92403222
; PRIOR FILING DATE: 1992-11-27
; PRIOR APPLICATION NUMBER: EP93402129
; PRIOR FILING DATE: 1993-08-31
; NUMBER OF SEQ ID NOS: 128
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 78
; LENGTH: 177
; TYPE: DNA
; ORGANISM: hepatitis C virus
US-09-899-082B-78

Query Match 66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
Db 26 GGGGTCTGGAG 15
||||:||||

RESULT 129

US-09-899-082B-79/c
; Sequence 79, Application US/09899082B
; Patent No. 6891026
; GENERAL INFORMATION:
; APPLICANT: Innogenetics N.V.
; TITLE OF INVENTION: Process for typing of HCV isolates
; FILE REFERENCE: 2551-111
; CURRENT APPLICATION NUMBER: US/09/899,082B
; CURRENT FILING DATE: 2001-07-06
; PRIOR APPLICATION NUMBER: 09/378,900
; PRIOR FILING DATE: 1999-08-23
; PRIOR APPLICATION NUMBER: 09/044,665
; PRIOR FILING DATE: 1998-03-19
; PRIOR APPLICATION NUMBER: 08/256,568
; PRIOR FILING DATE: 1994-07-18
; PRIOR APPLICATION NUMBER: PCT/EP93/03325
; PRIOR FILING DATE: 1993-11-26
; PRIOR APPLICATION NUMBER: EP92403222
; PRIOR FILING DATE: 1992-11-27
; PRIOR APPLICATION NUMBER: EP93402129
; PRIOR FILING DATE: 1993-08-31
; NUMBER OF SEQ ID NOS: 128
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 79
; LENGTH: 177
; TYPE: DNA
; ORGANISM: hepatitis C virus
US-09-899-082B-79

Query Match 66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
DB 26 GGGGTCCTGGAG 15

RESULT 130

US-09-899-082B-80/c
; Sequence 80, Application US/09899082B
; Patent No. 6891026
; GENERAL INFORMATION:
; APPLICANT: Innogenetics N.V.
; TITLE OF INVENTION: Process for typing of HCV isolates
; FILE REFERENCE: 2551-111
; CURRENT APPLICATION NUMBER: US/09/899,082B
; CURRENT FILING DATE: 2001-07-06
; PRIOR APPLICATION NUMBER: 09/378,900
; PRIOR FILING DATE: 1999-08-23
; PRIOR APPLICATION NUMBER: 09/044,665
; PRIOR FILING DATE: 1998-03-19
; PRIOR APPLICATION NUMBER: 08/256,568
; PRIOR FILING DATE: 1994-07-18
; PRIOR APPLICATION NUMBER: PCT/EP93/03325
; PRIOR FILING DATE: 1993-11-26
; PRIOR APPLICATION NUMBER: EP92403222
; PRIOR FILING DATE: 1992-11-27
; PRIOR APPLICATION NUMBER: EP93402129
; PRIOR FILING DATE: 1993-08-31
; NUMBER OF SEQ ID NOS: 128
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 80
; LENGTH: 177
; TYPE: DNA
; ORGANISM: hepatitis C virus
US-09-899-082B-80

Query Match 66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
DB 26 GGGGTCCTGGAG 15

RESULT 131

US-09-899-082B-108/c
; Sequence 108, Application US/09899082B
; Patent No. 6891026
; GENERAL INFORMATION:
; APPLICANT: Innogenetics N.V.
; TITLE OF INVENTION: Process for typing of HCV isolates
; FILE REFERENCE: 2551-111
; CURRENT APPLICATION NUMBER: US/09/899,082B
; CURRENT FILING DATE: 2001-07-06
; PRIOR APPLICATION NUMBER: 09/378,900
; PRIOR FILING DATE: 1999-08-23
; PRIOR APPLICATION NUMBER: 09/044,665
; PRIOR FILING DATE: 1998-03-19
; PRIOR APPLICATION NUMBER: 08/256,568
; PRIOR FILING DATE: 1994-07-18
; PRIOR APPLICATION NUMBER: PCT/EP93/03325
; PRIOR FILING DATE: 1993-11-26
; PRIOR APPLICATION NUMBER: EP92403222
; PRIOR FILING DATE: 1992-11-27
; PRIOR APPLICATION NUMBER: EP93402129
; PRIOR FILING DATE: 1993-08-31
; NUMBER OF SEQ ID NOS: 128
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 108

; LENGTH: 177
; TYPE: DNA
; ORGANISM: hepatitis C virus
US-09-899-082B-108

Query Match 66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
DB 26 GGGGTCCTGGAG 15

RESULT 132

US-08-256-568B-59/c
; Sequence 59, Application US/08256568B
; Patent No. 5846704
; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
; APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
; TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
; TITLE OF INVENTION: ISOLATES
; NUMBER OF SEQUENCES: 97
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN & MUSERLIAN
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/256,568B
; FILING DATE: 18-JUL-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/EP93/03325
; FILING DATE: 26-NOV-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP/93/402,129.6
; FILING DATE: 31-AUG-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP/92/403,222.0
; FILING DATE: 27-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: CHARLES A. MUSERLIAN
; REGISTRATION NUMBER: 19,683
; REFERENCE/DOCKET NUMBER: 410.004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 661-8000
; TELEFAX: (212) 661-8002
; INFORMATION FOR SEQ ID NO: 59:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 178 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; IMMEDIATE SOURCE:
; CLONE: bu74
; POSITION IN GENOME:
; MAP POSITION: 5' untranslated region
US-08-256-568B-59

Query Match 66.7%; Score 12; DB 2; Length 178;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
Db 26 GGGGTCTGGAG 15

RESULT 133
US-08-256-568B-71/c
; Sequence 71, Application US/08256568B
; Patent No. 5846704
; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
; APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
; TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
; TITLE OF INVENTION: ISOLATES
; NUMBER OF SEQUENCES: 97
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN & MUSERLIAN
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/256,568B
; FILING DATE: 18-JUL-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/EP93/03325
; FILING DATE: 26-NOV-1993
; PRIOR APPLICATION NUMBER: EP/93/402,129.6
; FILING DATE: 31-AUG-1993
; APPLICATION DATA:
; APPLICATION NUMBER: EP/92/403,222.0
; FILING DATE: 27-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: CHARLES A. MUSERLIAN
; REGISTRATION NUMBER: 19,683
; REFERENCE/DOCKET NUMBER: 410.004
; TELEPHONE: (212) 661-8000
; TELEFAX: (212) 661-8002
; INFORMATION FOR SEQ ID NO: 71:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 178 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; IMMEDIATE SOURCE:
; CLONE: 9b549
; POSITION IN GENOME:
; MAP POSITION: 5', untranslated region
US-08-256-568B-71

Query Match 66.7%; Score 12; DB 2; Length 178;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
Db 26 GGGGTCTGGAG 15

RESULT 134
US-09-038-369B-59/c
; Sequence 59, Application US/09038369B
; Patent No. 6171784

; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
; APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
; TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
; TITLE OF INVENTION: ISOLATES
; NUMBER OF SEQUENCES: 97
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN & MUSERLIAN
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/038,369B
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/256,568
; FILING DATE: 18-JUL-1994
; APPLICATION NUMBER: PCT/EP93/03325
; FILING DATE: 26-NOV-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP/93/402,129.6
; FILING DATE: 31-AUG-1993
; APPLICATION DATA:
; APPLICATION NUMBER: EP/92/403,222.0
; FILING DATE: 27-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: CHARLES A. MUSERLIAN
; REGISTRATION NUMBER: 19,683
; REFERENCE/DOCKET NUMBER: 410.004
; TELEPHONE: (212) 661-8000
; TELEFAX: (212) 661-8002
; INFORMATION FOR SEQ ID NO: 59:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 178 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; IMMEDIATE SOURCE:
; CLONE: bu74
; POSITION IN GENOME:
; MAP POSITION: 5', untranslated region
US-09-038-369B-59

Query Match 66.7%; Score 12; DB 3; Length 178;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
Db 26 GGGGTCTGGAG 15

RESULT 135
US-09-038-369B-71/c
; Sequence 71, Application US/09038369B
; Patent No. 6171784
; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
; APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
; TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
; TITLE OF INVENTION: ISOLATES
; NUMBER OF SEQUENCES: 97
; CORRESPONDENCE ADDRESS:

ADDRESSER: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/038,369B
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/256,568
FILING DATE: 18-JUL-1994
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 27-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 410.004
TELEPHONE: (212) 661-8000
TELEFAX: (212) 661-8002
INFORMATION FOR SEQ ID NO: 71:
SEQUENCE CHARACTERISTICS:
LENGTH: 178 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
IMMEDIATE SOURCE:
CLONE: gb549
POSITION IN GENOME:
MAP POSITION: 5' untranslated region
US-09-038-369B-71

Query Match 66.7%; Score 12; DB 3; Length 178;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
Db 26 GGGGTCCTGGAG 15
|||||:|:|:|

RESULT 136
US-09-378-900A-59/C
Sequence 59, Application US/09378900A
Patent No. 6495670
GENERAL INFORMATION:
APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
TITLE OF INVENTION: ISOLATES
NUMBER OF SEQUENCES: 97
CORRESPONDENCE ADDRESS:
ADDRESSEE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10016
COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/378,900A
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/256,568
FILING DATE: 18-JUL-1994
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 27-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 410.004
TELEPHONE: (212) 661-8000
TELEFAX: (212) 661-8002
INFORMATION FOR SEQ ID NO: 59:
SEQUENCE CHARACTERISTICS:
LENGTH: 178 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
IMMEDIATE SOURCE:
CLONE: bu74
POSITION IN GENOME:
MAP POSITION: 5' untranslated region
US-09-378-900A-59

Query Match 66.7%; Score 12; DB 3; Length 178;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
Db 26 GGGGTCCTGGAG 15
|||||:|:|:|

RESULT 137
US-09-378-900A-71/C
Sequence 71, Application US/09378900A
Patent No. 6495670
GENERAL INFORMATION:
APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
TITLE OF INVENTION: ISOLATES
NUMBER OF SEQUENCES: 97
CORRESPONDENCE ADDRESS:
ADDRESSEE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/378,900A
FILING DATE:

CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/256,568
FILING DATE: 18-JUL-1994
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
PRIOR APPLICATION DATA: EP/93/402,129.6
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 27-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 410.004
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 661-8000
TELEFAX: (212) 661-8002
INFORMATION FOR SEQ ID NO: 71:
LENGTH: 178 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
IMMEDIATE SOURCE:
CLONE: gb549
POSITION IN GENOME:
MAP POSITION: 5' untranslated region
US-09-378-900A-71

Query Match 66.7%; Score 12; DB 3; Length 178;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
||||:|||||
DB 26 GGGGTCCTGGAG 15

RESULT 138

US-09-899-044-59/c
Sequence 59, Application US/09899044
Patent No. 6548244
GENERAL INFORMATION:
APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
ISOLATES
NUMBER OF SEQUENCES: 97
CORRESPONDENCE ADDRESS:
ADDRESSEE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/899,044
FILING DATE: 06-Jul-2001
CLASSIFICATION: <unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/378,900
FILING DATE: <unknown>
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
APPLICATION NUMBER: EP/93/402,129.6

FILING DATE: 31-AUG-1993
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 27-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 410.004
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 661-8000
TELEFAX: (212) 661-8002
INFORMATION FOR SEQ ID NO: 59:
LENGTH: 178 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
IMMEDIATE SOURCE:
CLONE: bu74
POSITION IN GENOME:
MAP POSITION: 5' untranslated region
SEQUENCE DESCRIPTION: SEQ ID NO: 59:
US-09-899-044-59

Query Match 66.7%; Score 12; DB 3; Length 178;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
||||:|||||
DB 26 GGGGTCCTGGAG 15

RESULT 139

US-09-899-044-71/c
Sequence 71, Application US/09899044
Patent No. 6548244
GENERAL INFORMATION:
APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
ISOLATES
NUMBER OF SEQUENCES: 97
CORRESPONDENCE ADDRESS:
ADDRESSEE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/899,044
FILING DATE: 06-Jul-2001
CLASSIFICATION: <unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/378,900
FILING DATE: <unknown>
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 27-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 410.004
TELECOMMUNICATION INFORMATION:

TELEPHONE: (212) 661-8000
TELEFAX: (212) 661-8002
INFORMATION FOR SEQ ID NO: 71:
SEQUENCE CHARACTERISTICS:
LENGTH: 178 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
IMMEDIATE SOURCE:
CLONE: gb549
POSITION IN GENOME:
MAP POSITION: 5' untranslated region
SEQUENCE DESCRIPTION: SEQ ID NO: 71:
US-09-899-044-71

Query Match 66.7%; Score 12; DB 3; Length 178;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
|||:|:|:|
Db 26 GGGGTCTGGAG 15

RESULT 140

US-09-899-302-59/c
; Sequence 59, Application US/098999302
; Patent No. 6887985

; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
; APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
; TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
; TITLE OF INVENTION: ISOLATES
; NUMBER OF SEQUENCES: 97
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN & MUSERLIAN
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/899,302
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/378,900
; FILING DATE:
; APPLICATION NUMBER: 08/256,568
; FILING DATE: 18-JUL-1994
; APPLICATION NUMBER: PCT/EP93/03325
; FILING DATE: 26-NOV-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP/93/402,129.6
; FILING DATE: 31-AUG-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP/92/403,222.0
; FILING DATE: 27-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: CHARLES A. MUSERLIAN
; REGISTRATION NUMBER: 19,683
; REFERENCE/DOCKET NUMBER: 410.004
; TELEPHONE: (212) 661-8000
; TELEFAX: (212) 661-8002
; INFORMATION FOR SEQ ID NO: 59:
; SEQUENCE CHARACTERISTICS:

; LENGTH: 178 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; IMMEDIATE SOURCE:
; CLONE: bu74
; POSITION IN GENOME:
; MAP POSITION: 5' untranslated region
US-09-899-302-59

Query Match 66.7%; Score 12; DB 3; Length 178;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
|||:|:|:|
Db 26 GGGGTCTGGAG 15

RESULT 141

US-09-899-302-71/c
; Sequence 71, Application US/098999302
; Patent No. 6887985

; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
; APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
; TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
; TITLE OF INVENTION: ISOLATES
; NUMBER OF SEQUENCES: 97
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN & MUSERLIAN
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/899,302
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/378,900
; FILING DATE:
; APPLICATION NUMBER: 08/256,568
; FILING DATE: 18-JUL-1994
; APPLICATION NUMBER: PCT/EP93/03325
; FILING DATE: 26-NOV-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP/93/402,129.6
; FILING DATE: 31-AUG-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP/92/403,222.0
; FILING DATE: 27-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: CHARLES A. MUSERLIAN
; REGISTRATION NUMBER: 19,683
; REFERENCE/DOCKET NUMBER: 410.004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 661-8000
; TELEFAX: (212) 661-8002
; INFORMATION FOR SEQ ID NO: 71:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 178 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA


```
; IMMEDIATE SOURCE:
; CLONE: gb549
; POSITION IN GENOME:
; MAP POSITION: 5' untranslated region
US-09-899-302-71

Query Match          66.7%; Score 12; DB 3; Length 178;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
   ||||:||||
Db 26 GGGGTCTGGAG 15

RESULT 142
US-09-899-082B-59/c
; Sequence 59, Application US/09899082B
; Patent No. 6891026
; GENERAL INFORMATION:
; APPLICANT: Innogenetics N.V.
; TITLE OF INVENTION: Process for typing of HCV isolates
; FILE REFERENCE: 2551-111
; CURRENT APPLICATION NUMBER: US/09/899,082B
; CURRENT FILING DATE: 2001-07-06
; PRIOR APPLICATION NUMBER: 09/378,900
; PRIOR FILING DATE: 1999-08-23
; PRIOR APPLICATION NUMBER: 09/044,665
; PRIOR FILING DATE: 1998-03-19
; PRIOR APPLICATION NUMBER: 08/256,568
; PRIOR FILING DATE: 1994-07-18
; PRIOR APPLICATION NUMBER: PCT/EP93/03325
; PRIOR FILING DATE: 1993-11-26
; PRIOR APPLICATION NUMBER: EP92403222
; PRIOR FILING DATE: 1992-11-27
; PRIOR APPLICATION NUMBER: EP93402129
; PRIOR FILING DATE: 1993-08-31
; NUMBER OF SEQ ID NOS: 128
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 59
; LENGTH: 178
; TYPE: DNA
; ORGANISM: hepatitis C virus
US-09-899-082B-59

Query Match          66.7%; Score 12; DB 3; Length 178;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
   ||||:||||
Db 26 GGGGTCTGGAG 15

RESULT 143
US-09-899-082B-71/c
; Sequence 71, Application US/09899082B
; Patent No. 6891026
; GENERAL INFORMATION:
; APPLICANT: Innogenetics N.V.
; TITLE OF INVENTION: Process for typing of HCV isolates
; FILE REFERENCE: 2551-111
; CURRENT APPLICATION NUMBER: US/09/899,082B
; CURRENT FILING DATE: 2001-07-06
; PRIOR APPLICATION NUMBER: 09/378,900
; PRIOR FILING DATE: 1999-08-23
; PRIOR APPLICATION NUMBER: 09/044,665
; PRIOR FILING DATE: 1998-03-19
; PRIOR APPLICATION NUMBER: 08/256,568
; PRIOR FILING DATE: 1994-07-18
; PRIOR APPLICATION NUMBER: PCT/EP93/03325
; PRIOR FILING DATE: 1993-11-26
; PRIOR APPLICATION NUMBER: EP92403222
```

```
; PRIOR FILING DATE: 1992-11-27
; PRIOR APPLICATION NUMBER: EP93402129
; PRIOR FILING DATE: 1993-08-31
; NUMBER OF SEQ ID NOS: 128
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 71
; LENGTH: 178
; TYPE: DNA
; ORGANISM: hepatitis C virus
US-09-899-082B-71

Query Match          66.7%; Score 12; DB 3; Length 178;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
   ||||:||||
Db 26 GGGGTCTGGAG 15

RESULT 144
US-08-441-971-50/c
; Sequence 50, Application US/08441971
; Patent No. 6071693
; GENERAL INFORMATION:
; APPLICANT: Tai-An Cha
; TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
; TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
; NUMBER OF SEQUENCES: 147
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
; STREET: 600 Atlantic Avenue
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 5.25 inch
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS-DOS Version 3.3
; SOFTWARE: Wordperfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/441,971
; FILING DATE: 16-MAY-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/221,653
; FILING DATE:
; APPLICATION NUMBER: US/07/881,528
; FILING DATE:
; APPLICATION NUMBER: 07/697,326
; FILING DATE: 8 May 1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Janiuk, Anthony J.
; REGISTRATION NUMBER: 29,809
; REFERENCE/DOCKET NUMBER: C0772/7000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 720-3500
; TELEFAX: (617) 720-2441
; TELEX: EZEKIEL
; INFORMATION FOR SEQ ID NO: 50:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 180 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: sa3
US-08-441-971-50

Query Match          66.7%; Score 12; DB 3; Length 180;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
```

Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
||||:||||
Db 34 GGGGTCCTGGAG 23

RESULT 145

US-08-441-971-51/c
; Sequence 51, Application US/08441971
; Patent No. 6071693
; GENERAL INFORMATION:
; APPLICANT: Tai-An Cha
; TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
; DIAGNOSTICS AND THERAPEUTICS
; NUMBER OF SEQUENCES: 147
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
; STREET: 600 Atlantic Avenue
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02210

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 5.25 inch
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS-DOS Version 3.3
; SOFTWARE: WordPerfect 5.1

; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/441,971
; FILING DATE: 16-MAY-1995

; CLASSIFICATION: 435

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US/08/221,653

; FILING DATE:

; APPLICATION NUMBER: US/07/881,528

; FILING DATE:

; APPLICATION NUMBER: 07/697,326

; FILING DATE: 8 May 1991

; ATTORNEY/AGENT INFORMATION:

; NAME: Janiuk, Anthony J.

; REGISTRATION NUMBER: 29,809

; REFERENCE/DOCKET NUMBER: C0772/7000

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (617) 720-3500

; TELEFAX: (617) 720-2441

; TELEX: EZEKIEL

; INFORMATION FOR SEQ ID NO: 51:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 180 nucleotides

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: DNA

; ORIGINAL SOURCE:

; INDIVIDUAL ISOLATE: sa4

US-08-441-971-51

Query Match 66.7%; Score 12; DB 3; Length 180;

Best Local Similarity 83.3%; Pred. No. 8.8e-02;

Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
||||:||||
Db 34 GGGGTCCTGGAG 23

RESULT 146

US-08-221-653-50/c
; Sequence 50, Application US/08221653
; Patent No. 6190864
; GENERAL INFORMATION:
; APPLICANT: Tai-An Cha

; TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
; DIAGNOSTICS AND THERAPEUTICS
; NUMBER OF SEQUENCES: 147
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
; STREET: 600 Atlantic Avenue
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02210

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Diskette, 5.25 inch

; COMPUTER: IBM compatible

; OPERATING SYSTEM: MS-DOS Version 3.3

; SOFTWARE: WordPerfect 5.1

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/221,653

; FILING DATE:

; CLASSIFICATION: 435

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US/07/881,528

; FILING DATE:

; APPLICATION NUMBER: 07/697,326

; FILING DATE: 8 May 1991

; ATTORNEY/AGENT INFORMATION:

; NAME: Janiuk, Anthony J.

; REGISTRATION NUMBER: 29,809

; REFERENCE/DOCKET NUMBER: C0772/7000

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (617) 720-3500

; TELEFAX: (617) 720-2441

; TELEX: EZEKIEL

; INFORMATION FOR SEQ ID NO: 50:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 180 nucleotides

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: DNA

; ORIGINAL SOURCE:

; INDIVIDUAL ISOLATE: sa3

US-08-221-653-50

Query Match 66.7%; Score 12; DB 3; Length 180;

Best Local Similarity 83.3%; Pred. No. 8.8e-02;

Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
||||:||||
Db 34 GGGGTCCTGGAG 23

RESULT 147

US-08-221-653-51/c

; Sequence 51, Application US/08221653

; Patent No. 6190864

; GENERAL INFORMATION:

; APPLICANT: Tai-An Cha

; TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR

; DIAGNOSTICS AND THERAPEUTICS

; NUMBER OF SEQUENCES: 147

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Wolf, Greenfield & Sacks, P.C.

; STREET: 600 Atlantic Avenue

; CITY: Boston

; STATE: Massachusetts

; COUNTRY: USA

; ZIP: 02210

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Diskette, 5.25 inch

; COMPUTER: IBM compatible

; OPERATING SYSTEM: MS-DOS Version 3.3

; SOFTWARE: WordPerfect 5.1

;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/221,653
;; FILING DATE:
;; CLASSIFICATION: 435
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US/07/881,528
;; FILING DATE:
;; APPLICATION NUMBER: 07/697,326
;; FILING DATE: 8 May 1991
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Janiuk, Anthony J.
;; REGISTRATION NUMBER: 29,809
;; REFERENCE/DOCKET NUMBER: C0772/7000
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (617) 720-3500
;; TELEFAX: (617) 720-2441
;; TELEX: EZEKIEL
;; INFORMATION FOR SEQ ID NO: 51:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 180 nucleotides
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: DNA
;; ORIGINAL SOURCE:
;; INDIVIDUAL ISOLATE: sa4
US-08-221-653-51

Query Match 66.7%; Score 12; DB 3; Length 180;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGAG 12
DB 34 GGGGTCTGGAG 23
||||:||||

RESULT 148
US-08-442-144A-50/c
; Sequence 50, Application US/08442144A
; Patent No. 6214583
; GENERAL INFORMATION:
; APPLICANT: Tai-An Cha
; APPLICANT: Eileen Beall
; APPLICANT: Bruce Irvine
; APPLICANT: Janice Kolberg
; APPLICANT: Michael S. Urdea
; TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
; TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
; NUMBER OF SEQUENCES: 148
; CORRESPONDENCE ADDRESS:
; ADDRESS: Chiron Corporation
; STREET: 4560 Horton Street
; CITY: Emeryville
; STATE: California
; COUNTRY: USA
; ZIP: 94608-2916
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 Inch
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows NT
; SOFTWARE: Microsoft Word 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/442,144A
; FILING DATE: MAY 16, 1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/221,653
; FILING DATE: APRIL 1, 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Doreen Yatko Trujillo
; REGISTRATION NUMBER: 35,719
; REFERENCE/DOCKET NUMBER: CHIR-0121

;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 215-568-3100
;; TELEFAX: 215-568-3439
;; TELEX:
;; INFORMATION FOR SEQ ID NO: 50:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 180 Nucleotides
;; TYPE: Nucleic Acid
;; STRANDEDNESS: Single
;; TOPOLOGY: Linear
;; MOLECULE TYPE: DNA
;; ORIGINAL SOURCE:
;; INDIVIDUAL ISOLATE: sa3
US-08-442-144A-50

Query Match 66.7%; Score 12; DB 3; Length 180;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGAG 12
DB 34 GGGGTCTGGAG 23
||||:||||

RESULT 149
US-08-442-144A-51/c
; Sequence 51, Application US/08442144A
; Patent No. 6214583
; GENERAL INFORMATION:
; APPLICANT: Tai-An Cha
; APPLICANT: Eileen Beall
; APPLICANT: Bruce Irvine
; APPLICANT: Janice Kolberg
; APPLICANT: Michael S. Urdea
; TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
; TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
; NUMBER OF SEQUENCES: 148
; CORRESPONDENCE ADDRESS:
; ADDRESS: Chiron Corporation
; STREET: 4560 Horton Street
; CITY: Emeryville
; STATE: California
; COUNTRY: USA
; ZIP: 94608-2916
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 Inch
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows NT
; SOFTWARE: Microsoft Word 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/442,144A
; FILING DATE: MAY 16, 1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/221,653
; FILING DATE: APRIL 1, 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Doreen Yatko Trujillo
; REGISTRATION NUMBER: 35,719
; REFERENCE/DOCKET NUMBER: CHIR-0121
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; TELEX:
; INFORMATION FOR SEQ ID NO: 51:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 180 Nucleotides
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; MOLECULE TYPE: DNA
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: sa4

US-08-442-144A-51

Query Match 66.7%; Score 12; DB 3; Length 180;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
||||:|:|:|
Db 34 GGGGTCTGGAG 23

RESULT 150

US-08-441-970-50/c
; Sequence 50, Application US/08441970
; Patent No. 6297370
; GENERAL INFORMATION:
; APPLICANT: Tai-An Cha
; TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
; TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
; NUMBER OF SEQUENCES: 147
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
; STREET: 600 Atlantic Avenue
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02210

COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 5.25 inch
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS-DOS Version 3.3
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/441,970
; FILING DATE: 16-MAY-1995
; CLASSIFICATION: 536

PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/881,528
; FILING DATE: 08-MAY-1992
; APPLICATION NUMBER: 07/697,326
; FILING DATE: 8 May 1991

ATTORNEY/AGENT INFORMATION:
; NAME: Janiuk, Anthony J.
; REGISTRATION NUMBER: 29,809
; REFERENCE/DOCKET NUMBER: C0772/7000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 720-3500
; TELEFAX: (617) 720-2441
; TELEX: EZEKIEL

INFORMATION FOR SEQ ID NO: 50:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 180 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: sa3

US-08-441-970-50

Query Match 66.7%; Score 12; DB 3; Length 180;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
||||:|:|:|
Db 34 GGGGTCTGGAG 23

RESULT 151

US-08-441-970-51/c
; Sequence 51, Application US/08441970
; Patent No. 6297370

; GENERAL INFORMATION:

; APPLICANT: Tai-An Cha
; TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
; TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
; NUMBER OF SEQUENCES: 147
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
; STREET: 600 Atlantic Avenue
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02210

COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 5.25 inch
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS-DOS Version 3.3
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/441,970
; FILING DATE: 16-MAY-1995
; CLASSIFICATION: 536

PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/881,528
; FILING DATE: 08-MAY-1992
; APPLICATION NUMBER: 07/697,326
; FILING DATE: 8 May 1991

ATTORNEY/AGENT INFORMATION:
; NAME: Janiuk, Anthony J.
; REGISTRATION NUMBER: 29,809
; REFERENCE/DOCKET NUMBER: C0772/7000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 720-3500
; TELEFAX: (617) 720-2441
; TELEX: EZEKIEL

INFORMATION FOR SEQ ID NO: 51:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 180 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: sa4

US-08-441-970-51

Query Match 66.7%; Score 12; DB 3; Length 180;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
||||:|:|:|
Db 34 GGGGTCTGGAG 23

RESULT 152

US-09-899-082B-102/c
; Sequence 102, Application US/09899082B
; Patent No. 6891026
; GENERAL INFORMATION:
; APPLICANT: Innogenetics N.V.
; TITLE OF INVENTION: Process for typing of HCV isolates
; FILE REFERENCE: 2551-111
; CURRENT APPLICATION NUMBER: US/09/899,082B
; CURRENT FILING DATE: 2001-07-06
; PRIOR APPLICATION NUMBER: 09/378,900
; PRIOR FILING DATE: 1999-08-23
; PRIOR APPLICATION NUMBER: 09/044,665
; PRIOR FILING DATE: 1998-03-19
; PRIOR APPLICATION NUMBER: 08/256,568
; PRIOR FILING DATE: 1994-07-18
; PRIOR APPLICATION NUMBER: PCT/EP93/03325
; PRIOR FILING DATE: 1993-11-26
; PRIOR APPLICATION NUMBER: EP92403222

Query Match 66.7%; Score 12; DB 3; Length 180;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
||||:|:~|:|
Db 34 GGGGTCTGGAG 23

; PRIOR FILING DATE: 1992-11-27
; PRIOR APPLICATION NUMBER: EP93402129
; PRIOR FILING DATE: 1993-08-31
; NUMBER OF SEQ ID NOS: 128
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 102
; LENGTH: 190
; TYPE: DNA
; ORGANISM: hepatitis C virus
; US-09-899-082B-102

Query Match 66.7%; Score 12; DB 3; Length 190;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
||||:|||||
Db 27 GGGGTCCTGGAG 16

RESULT 153

US-08-634-797-46/c
; Sequence 46, Application US/08634797
; Patent No. 5851759
; GENERAL INFORMATION:

; APPLICANT: WEINER, AMY J.
; TITLE OF INVENTION: HETERODUPLEX TRACKING ASSAY (HTA) FOR
; GENOTYPING HCV
; NUMBER OF SEQUENCES: 52
; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Chiron Corporation
; STREET: 4560 Horton Street - R440
; CITY: Emeryville
; STATE: California
; COUNTRY: USA
; ZIP: 94608-2916

COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION NUMBER: US/08/634,797
; FILING DATE: 19-APR-1996

CLASSIFICATION: 435

; ATTORNEY/AGENT INFORMATION:
; NAME: Harbin, Alisa A.
; REGISTRATION NUMBER: 33,895
; REFERENCE/DOCKET NUMBER: 1226.001
; TELEPHONE: (510) 601-3274
; TELEFAX: (510) 655-3542
; TELEX: N/A

INFORMATION FOR SEQ ID NO: 46:

; SEQUENCE CHARACTERISTICS:
; LENGTH: 194 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-634-797-46

Query Match 66.7%; Score 12; DB 2; Length 194;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
||||:|||||
Db 56 GGGGTCCTGGAG 45

RESULT 154

US-08-634-797-47/c

; Sequence 47, Application US/08634797
; Patent No. 5851759
; GENERAL INFORMATION:
; APPLICANT: WEINER, AMY J.
; TITLE OF INVENTION: HETERODUPLEX TRACKING ASSAY (HTA) FOR
; GENOTYPING HCV
; NUMBER OF SEQUENCES: 52
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Chiron Corporation
; STREET: 4560 Horton Street - R440
; CITY: Emeryville
; STATE: California
; COUNTRY: USA
; ZIP: 94608-2916

COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION NUMBER: US/08/634,797
; FILING DATE: 19-APR-1996

CLASSIFICATION: 435

; ATTORNEY/AGENT INFORMATION:
; NAME: Harbin, Alisa A.
; REGISTRATION NUMBER: 33,895
; REFERENCE/DOCKET NUMBER: 1226.001
; TELEPHONE: (510) 601-3274
; TELEFAX: (510) 655-3542
; TELEX: N/A

INFORMATION FOR SEQ ID NO: 47:

; SEQUENCE CHARACTERISTICS:
; LENGTH: 194 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-634-797-47

Query Match 66.7%; Score 12; DB 2; Length 194;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
||||:|||||
Db 56 GGGGTCCTGGAG 45

RESULT 155

US-08-634-797-48/c

; Sequence 48, Application US/08634797

; Patent No. 5851759

; GENERAL INFORMATION:

; APPLICANT: WEINER, AMY J.
; TITLE OF INVENTION: HETERODUPLEX TRACKING ASSAY (HTA) FOR
; GENOTYPING HCV
; NUMBER OF SEQUENCES: 52
; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Chiron Corporation
; STREET: 4560 Horton Street - R440
; CITY: Emeryville
; STATE: California
; COUNTRY: USA
; ZIP: 94608-2916

COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION NUMBER: US/08/634,797
; FILING DATE: 19-APR-1996

```
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Harbin, Alisa A.
; REGISTRATION NUMBER: 33,895
; REFERENCE/DOCKET NUMBER: 1226.001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 601-3274
; TELEFAX: (510) 655-3542
; TELEX: N/A
; INFORMATION FOR SEQ ID NO: 48:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 194 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-634-797-48

Query Match 66.7%; Score 12; DB 2; Length 194;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
   |||||:|:|
Db 56 GGGGTCTGGAG 45

RESULT 156
US-09-270-767-28457/c
; Sequence 28457, Application US/09270767
; Patent No. 6703491
; GENERAL INFORMATION:
; APPLICANT: Homburger et al.
; TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
; FILE REFERENCE: File Reference: 7326-094
; CURRENT APPLICATION NUMBER: US/09/270,767
; CURRENT FILING DATE: 1999-03-17
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 28457
; LENGTH: 201
; TYPE: DNA
; ORGANISM: Drosophila melanogaster
US-09-270-767-28457

Query Match 66.7%; Score 12; DB 3; Length 201;
Best Local Similarity 83.3%; Pred. No. 8.7e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
   |||||:|:|
Db 102 GGGGTCTGGAG 91

RESULT 157
US-09-513-999C-29549
; Sequence 29549, Application US/09513999C
; Patent No. 6783961
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Duclert, A.
; APPLICANT: Giordano, J.Y.
; TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.
; Patent No. 6783961
; FILE REFERENCE: 59 US2, REG
; CURRENT APPLICATION NUMBER: US/09/513,999C
; CURRENT FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/122,487
; PRIOR FILING DATE: 1999-02-26
; NUMBER OF SEQ ID NOS: 36681
; SOFTWARE: Patent.pm
; SEQ ID NO 29549
; LENGTH: 221
```

```
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-513-999C-29549

Query Match 66.7%; Score 12; DB 3; Length 221;
Best Local Similarity 83.3%; Pred. No. 8.6e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
   |||||:|:|
Db 15 GGGGTCTGGAG 26

RESULT 158
US-09-899-082B-103/c
; Sequence 103, Application US/09899082B
; Patent No. 6891026
; GENERAL INFORMATION:
; APPLICANT: Innogenetics N.V.
; TITLE OF INVENTION: Process for typing of HCV isolates
; FILE REFERENCE: 2551-111
; CURRENT APPLICATION NUMBER: US/09/899,082B
; CURRENT FILING DATE: 2001-07-06
; PRIOR APPLICATION NUMBER: 09/378,900
; PRIOR FILING DATE: 1999-08-23
; PRIOR APPLICATION NUMBER: 09/044,665
; PRIOR FILING DATE: 1998-03-19
; PRIOR APPLICATION NUMBER: 08/256,568
; PRIOR FILING DATE: 1994-07-18
; PRIOR APPLICATION NUMBER: PCT/EP93/03325
; PRIOR FILING DATE: 1993-11-26
; PRIOR APPLICATION NUMBER: EP92403222
; PRIOR FILING DATE: 1992-11-27
; PRIOR APPLICATION NUMBER: EP93402129
; PRIOR FILING DATE: 1993-08-31
; NUMBER OF SEQ ID NOS: 128
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 103
; LENGTH: 227
; TYPE: DNA
; ORGANISM: hepatitis C virus
US-09-899-082B-103

Query Match 66.7%; Score 12; DB 3; Length 227;
Best Local Similarity 83.3%; Pred. No. 8.6e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
   |||||:|:|
Db 64 GGGGTCTGGAG 53

RESULT 159
US-09-034-205-37/c
; Sequence 37, Application US/09034205
; Patent No. 6194149
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor I.
; APPLICANT: Brow, Mary Ann D.
; APPLICANT: Fors, Lance
; APPLICANT: Neri, Bruce P.
; TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING
; STRUCTURE-BRIDGING OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 68
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL, LLP
; STREET: 220 Montgomery Street, Suite 2200
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
```

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/034,205
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: MacKnight, Kamrin T.
REGISTRATION NUMBER: 38,230
REFERENCE/DOCKET NUMBER: FORS-03268
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 37:
SEQUENCE CHARACTERISTICS:
LENGTH: 232 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
US-09-034-205-37

Query Match 66.7%; Score 12; DB 3; Length 232;
Best Local Similarity 83.3%; Pred. No. 8.6e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
|||||:|||||
Db 47 GGGGTCTGGAG 36

RESULT 160
US-08-934-097A-37/c
; Sequence 37, Application US/08934097A
; Patent No. 6210880
; GENERAL INFORMATION:
; APPLICANT: Lyamichiev, Victor I.
; APPLICANT: Brow, Mary Ann D.
; APPLICANT: Fors, Lance
; APPLICANT: Neri, Bruce P.
; TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
; TITLE OF INVENTION: Structure Probing With Structure-Bridging
; NUMBER OF SEQUENCES: 51
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL, LLP
; STREET: 220 Montgomery Street, Suite 2200
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/934,097A
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: MacKnight, Kamrin T.
; REGISTRATION NUMBER: 38,230
; REFERENCE/DOCKET NUMBER: FORS-02980
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 37:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 232 base pairs
; TYPE: nucleic acid

STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
US-08-934-097A-37

Query Match 66.7%; Score 12; DB 3; Length 232;
Best Local Similarity 83.3%; Pred. No. 8.6e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
|||||:|||||
Db 47 GGGGTCTGGAG 36

RESULT 161
US-08-851-588-37/c
; Sequence 37, Application US/08851588
; Patent No. 6214545
; GENERAL INFORMATION:
; APPLICANT: Dong, Fang
; APPLICANT: Lyamichiev, Victor I.
; APPLICANT: Prudent, James R.
; APPLICANT: Dahlberg, James E.
; APPLICANT: Fors, Lance
; TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
; TITLE OF INVENTION: Structure Probing
; NUMBER OF SEQUENCES: 38
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL, LLP
; STREET: 220 Montgomery Street, Suite 2200
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/851,588
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Ingolia, Diane E.
; REGISTRATION NUMBER: 40,027
; REFERENCE/DOCKET NUMBER: FORS-02777
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 37:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 232 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "DNA"
US-08-851-588-37

Query Match 66.7%; Score 12; DB 3; Length 232;
Best Local Similarity 83.3%; Pred. No. 8.6e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
|||||:|||||
Db 47 GGGGTCTGGAG 36

RESULT 162
US-08-677-218B-37/c
; Sequence 37, Application US/09677218B

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; Patent No. 6355437
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor I.
;           Brow, Mary Ann D.
;           Fors, Lance P.
;           Neri, Bruce P.
; TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING
;                   STRUCTURE-BRIDGING OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 68
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL, LLP
; STREET: 220 Montgomery Street, Suite 2200
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; APPLICATION NUMBER: US/09/677,218B
; FILING DATE: 02-Oct-2000
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/034,205
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Macknight, Kamrin T.
; REGISTRATION NUMBER: 38,230
; REFERENCE/DOCKET NUMBER: FORS-03268
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 37:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 232 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "DNA"
; SEQUENCE DESCRIPTION: SEQ ID NO: 37:
US-09-677-218B-37

Query Match      66.7%; Score 12; DB 3; Length 232;
Best Local Similarity 83.3%; Pred. No. 8.6e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      1 GGGGUCCUGGAG 12
Db      47 GGGGTCCTGGAG 36

RESULT 163
US-09-677-192-37/c
; Sequence 37, Application US/09677192
; Patent No. 6358691
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor I.
; APPLICANT: Brow, Mary Ann D.
; APPLICANT: Fors, Lance
; APPLICANT: Neri, Bruce P.
; TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING STRUCTURE-BRIDGING
; FILE REFERENCE: FORS-04708
; CURRENT APPLICATION NUMBER: US/09/677,192
; CURRENT FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: 09/034,205
; PRIOR FILING DATE: 1998-03-03
; NUMBER OF SEQ ID NOS: 68
; SOFTWARE: PatentIn Ver. 2.0
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; SEQ ID NO 37
; LENGTH: 232
; TYPE: DNA
; ORGANISM: Hepatitis C virus
US-09-677-192-37

Query Match      66.7%; Score 12; DB 3; Length 232;
Best Local Similarity 83.3%; Pred. No. 8.6e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      1 GGGGUCCUGGAG 12
Db      47 GGGGTCCTGGAG 36

RESULT 164
US-09-402-618B-37/c
; Sequence 37, Application US/09402618B
; Patent No. 6709815
; GENERAL INFORMATION:
; APPLICANT: Dong, Fang
; APPLICANT: Lyamichev, Victor
; APPLICANT: Prudent, James
; APPLICANT: Fors, Lance
; APPLICANT: Neri, Bruce
; APPLICANT: Brow, Mary Ann
; APPLICANT: Anderson, Todd
; APPLICANT: Dahlberg, James
; TITLE OF INVENTION: Target-Dependent Reactions Using Structure-Bridging Oligonucleotides
; FILE REFERENCE: FORS-04012
; CURRENT APPLICATION NUMBER: US/09/402,618B
; CURRENT FILING DATE: 2000-07-18
; PRIOR APPLICATION NUMBER: PCT/US98/03194
; PRIOR FILING DATE: 1998-05-05
; NUMBER OF SEQ ID NOS: 128
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 37
; LENGTH: 232
; TYPE: DNA
; ORGANISM: Hepatitis C virus
US-09-402-618B-37

Query Match      66.7%; Score 12; DB 3; Length 232;
Best Local Similarity 83.3%; Pred. No. 8.6e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      1 GGGGUCCUGGAG 12
Db      47 GGGGTCCTGGAG 36

RESULT 165
US-09-825-574-37/c
; Sequence 37, Application US/09825574
; Patent No. 6709819
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor I.
; APPLICANT: Brow, Mary Ann D.
; APPLICANT: Fors, Lance
; APPLICANT: Neri, Bruce P.
; TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
;                   Structure Probing With Structure-Bridging
;                   Oligonucleotides.
; NUMBER OF SEQUENCES: 51
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL, LLP
; STREET: 220 Montgomery Street, Suite 2200
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
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;
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION NUMBER:
; APPLICATION DATA:
; FILING DATE: 03-Apr-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/934,097
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: MacKnight, Kamrin T.
; REGISTRATION NUMBER: 38,230
; REFERENCE/DOCKET NUMBER: FORS-02980
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 37:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 232 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "DNA"
; SEQUENCE DESCRIPTION: SEQ ID NO: 37:
US-09-825-574-37

Query Match 66.7%; Score 12; DB 3; Length 232;
Best Local Similarity 83.3%; Pred. No. 8.6e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
DB 47 GGGGTCTCGAG 36

RESULT 166
US-09-676-768-37/c
; Sequence 37, Application US/09676768
; Patent No. 6780585
; GENERAL INFORMATION:
; APPLICANT: Dong, Fang
; LYAMICHEV, Victor I.
; PRUDENT, James R.
; DAHLBERG, James E.
; FORS, Lance
; TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
; NUMBER OF SEQUENCES: 38
; CORRESPONDENCE ADDRESS:
; ADDRESS: MEDLEN & CARROLL, LLP
; STREET: 220 Montgomery Street, Suite 2200
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; FILING DATE: 02-Oct-2000
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/851,588
; FILING DATE: 05-May-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Ingolia, Diane E.
; REGISTRATION NUMBER: 40,027
; REFERENCE/DOCKET NUMBER: FORS-02777
```

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;
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 37:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 232 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "DNA"
; SEQUENCE DESCRIPTION: SEQ ID NO: 37:
US-09-676-768-37

Query Match 66.7%; Score 12; DB 3; Length 232;
Best Local Similarity 83.3%; Pred. No. 8.6e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
DB 47 GGGGTCTCGAG 36

RESULT 167
US-09-034-205-32/c
; Sequence 32, Application US/09034205
; Patent No. 6194149
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor I.
; APPLICANT: Brow, Mary Ann D.
; APPLICANT: Fors, Lance
; APPLICANT: Neri, Bruce P.
; TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING
; STRUCTURE-BRIDGING OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 68
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL, LLP
; STREET: 220 Montgomery Street, Suite 2200
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA: US/09/034,205
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: MacKnight, Kamrin T.
; REGISTRATION NUMBER: 38,230
; REFERENCE/DOCKET NUMBER: FORS-03268
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 32:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 239 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "DNA"
US-09-034-205-32

Query Match 66.7%; Score 12; DB 3; Length 239;
Best Local Similarity 83.3%; Pred. No. 8.6e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
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Db          54 GGGGTCTGGAG 43
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RESULT 168
US-09-034-205-36/c
; Sequence 36, Application US/09034205
; Patent No. 6194149
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor I.
; APPLICANT: Brow, Mary Ann D.
; APPLICANT: Fors, Lance
; APPLICANT: Neri, Bruce P.
; TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING
; STRUCTURE-BRIDGING OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 68
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL, LLP
; STREET: 220 Montgomery Street, Suite 2200
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/034,205
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: MacKnight, Kamrin T.
; REGISTRATION NUMBER: 38,230
; REFERENCE/DOCKET NUMBER: FORS-03268
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 36:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 239 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "DNA"
; US-09-034-205-36
Query Match          66.7%; Score 12; DB 3; Length 239;
Best Local Similarity 83.3%; Pred. No. 8.6e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy          1 GGGGUCCUGGAG 12
||||:|:|:|
Db          54 GGGGTCTGGAG 43

RESULT 170
US-08-934-097A-36/c
; Sequence 36, Application US/08934097A
; Patent No. 6210880
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor I.
; APPLICANT: Brow, Mary Ann D.
; APPLICANT: Fors, Lance
; APPLICANT: Neri, Bruce P.
; TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
; TITLE OF INVENTION: Structure Probing With Structure-Bridging
; TITLE OF INVENTION: Oligonucleotides.
; NUMBER OF SEQUENCES: 51
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL, LLP
; STREET: 220 Montgomery Street, Suite 2200
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/934,097A
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: MacKnight, Kamrin T.
; REGISTRATION NUMBER: 38,230
; REFERENCE/DOCKET NUMBER: FORS-02980
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 32:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 239 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "DNA"
; US-08-934-097A-32
Query Match          66.7%; Score 12; DB 3; Length 239;
Best Local Similarity 83.3%; Pred. No. 8.6e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy          1 GGGGUCCUGGAG 12
||||:|:|:|
Db          54 GGGGTCTGGAG 43

RESULT 169
US-08-934-097A-32/c
; Sequence 32, Application US/08934097A
; Patent No. 6210880
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor I.
; APPLICANT: Brow, Mary Ann D.
; APPLICANT: Fors, Lance
; APPLICANT: Neri, Bruce P.
; TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
; TITLE OF INVENTION: Structure Probing With Structure-Bridging
; TITLE OF INVENTION: Oligonucleotides.
; NUMBER OF SEQUENCES: 51
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL, LLP
```

TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 36:
SEQUENCE CHARACTERISTICS:
LENGTH: 239 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
US-08-934-097A-36

Query Match 66.7%; Score 12; DB 3; Length 239;
Best Local Similarity 83.3%; Pred. No. 8.6e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
||||:||||
Db 54 GGGTCTCGAG 43

RESULT 171
US-08-851-588-32/c
Sequence 32, Application US/08851588
Patent No. 6214545
GENERAL INFORMATION:
APPLICANT: Dong, Fang
APPLICANT: Lyamichev, Victor I.
APPLICANT: Prudent, James R.
APPLICANT: Dahlberg, James E.
APPLICANT: Fors, Lance
TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
STRUCTURE PROBING
NUMBER OF SEQUENCES: 38
CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
STATE: CA
COUNTRY: USA
ZIP: 94104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/851,588
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Ingolia, Diane E.
REGISTRATION NUMBER: 40,027
REFERENCE/DOCKET NUMBER: FORS-02777
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 32:
SEQUENCE CHARACTERISTICS:
LENGTH: 239 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
US-08-851-588-32

Query Match 66.7%; Score 12; DB 3; Length 239;
Best Local Similarity 83.3%; Pred. No. 8.6e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12

Db 54 GGGTCTCGAG 43
||||:||||

RESULT 172
US-08-851-588-36/c
Sequence 36, Application US/08851588
Patent No. 6214545
GENERAL INFORMATION:
APPLICANT: Dong, Fang
APPLICANT: Lyamichev, Victor I.
APPLICANT: Prudent, James R.
APPLICANT: Dahlberg, James E.
APPLICANT: Fors, Lance
TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
STRUCTURE PROBING
NUMBER OF SEQUENCES: 38
CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
STATE: CA
COUNTRY: USA
ZIP: 94104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/851,588
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Ingolia, Diane E.
REGISTRATION NUMBER: 40,027
REFERENCE/DOCKET NUMBER: FORS-02777
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 36:
SEQUENCE CHARACTERISTICS:
LENGTH: 239 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
US-08-851-588-36

Query Match 66.7%; Score 12; DB 3; Length 239;
Best Local Similarity 83.3%; Pred. No. 8.6e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
||||:||||
Db 54 GGGTCTCGAG 43

RESULT 173
US-09-677-218B-32/c
Sequence 32, Application US/09677218B
Patent No. 6355437
GENERAL INFORMATION:
APPLICANT: Lyamichev, Victor I.
Brow, Mary Ann D.
Fors, Lance
Neri, Bruce P.
TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING
STRUCTURE-BRIDGING OLIGONUCLEOTIDES
NUMBER OF SEQUENCES: 68
CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL, LLP

```
; STREET: 220 Montgomery Street, Suite 2200
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/677,218B
; FILING DATE: 02-Oct-2000
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/034,205
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: MacKnight, Kamrin T.
; REGISTRATION NUMBER: 38,230
; REFERENCE/DOCKET NUMBER: FORS-03268
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 32:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 239 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "DNA"
; SEQUENCE DESCRIPTION: SEQ ID NO: 32:
US-09-677-218B-32

Query Match 66.7%; Score 12; DB 3; Length 239;
Best Local Similarity 83.3%; Pred. No. 8.6e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
Db 54 GGGGTCTTGAG 43

RESULT 174
US-09-677-218B-36/c
; Sequence 36, Application US/09677218B
; Patent No. 6355437
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor I.
; APPLICANT: Brow, Mary Ann D.
; APPLICANT: Fors, Lance
; APPLICANT: Neri, Bruce P.
; TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING
; FILE REFERENCE: FORS-04708
; CURRENT APPLICATION NUMBER: US/09/677,192
; CURRENT FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: 09/034,205
; PRIOR FILING DATE: 1998-03-03
; NUMBER OF SEQ ID NOS: 68
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 32
; LENGTH: 239
; TYPE: DNA
; ORGANISM: Hepatitis C virus
US-09-677-192-32

Query Match 66.7%; Score 12; DB 3; Length 239;
Best Local Similarity 83.3%; Pred. No. 8.6e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
Db 54 GGGGTCTTGAG 43

RESULT 176
US-09-677-192-36/c
; Sequence 36, Application US/09677192
; Patent No. 6358691
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor I.
; APPLICANT: Brow, Mary Ann D.
; APPLICANT: Fors, Lance
; APPLICANT: Neri, Bruce P.
; TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING STRUCTURE-BRIDGING
```

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; APPLICATION NUMBER: 09/034,205
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: MacKnight, Kamrin T.
; REGISTRATION NUMBER: 38,230
; REFERENCE/DOCKET NUMBER: FORS-03268
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 36:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 239 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "DNA"
; SEQUENCE DESCRIPTION: SEQ ID NO: 36:
US-09-677-218B-36

Query Match 66.7%; Score 12; DB 3; Length 239;
Best Local Similarity 83.3%; Pred. No. 8.6e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
Db 54 GGGGTCTTGAG 43

RESULT 175
US-09-677-192-32/c
; Sequence 32, Application US/09677192
; Patent No. 6358691
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor I.
; APPLICANT: Brow, Mary Ann D.
; APPLICANT: Fors, Lance
; APPLICANT: Neri, Bruce P.
; TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING STRUCTURE-BRIDGING
; FILE REFERENCE: FORS-04708
; CURRENT APPLICATION NUMBER: US/09/677,192
; CURRENT FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: 09/034,205
; PRIOR FILING DATE: 1998-03-03
; NUMBER OF SEQ ID NOS: 68
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 32
; LENGTH: 239
; TYPE: DNA
; ORGANISM: Hepatitis C virus
US-09-677-192-32

Query Match 66.7%; Score 12; DB 3; Length 239;
Best Local Similarity 83.3%; Pred. No. 8.6e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
Db 54 GGGGTCTTGAG 43

RESULT 176
US-09-677-192-36/c
; Sequence 36, Application US/09677192
; Patent No. 6358691
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor I.
; APPLICANT: Brow, Mary Ann D.
; APPLICANT: Fors, Lance
; APPLICANT: Neri, Bruce P.
; TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING STRUCTURE-BRIDGING
```

; FILE REFERENCE: FORS-04708
; CURRENT APPLICATION NUMBER: US/09/677,192
; CURRENT FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: 09/034,205
; PRIOR FILING DATE: 1998-03-03
; NUMBER OF SEQ ID NOS: 68
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 36
; LENGTH: 239
; TYPE: DNA
; ORGANISM: Hepatitis C virus
US-09-677-192-36

Query Match 66.7%; Score 12; DB 3; Length 239;
Best Local Similarity 83.3%; Pred. No. 8.6e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
|||:|:|:|
Db 54 GGGGTCTGGAG 43

RESULT 177
US-09-402-618B-32/c
; Sequence 32, Application US/09402618B
; Patent No. 6709815
; GENERAL INFORMATION:
; APPLICANT: Dong, Fang
; APPLICANT: Lyamichev, Victor
; APPLICANT: Prudent, James
; APPLICANT: Fors, Lance
; APPLICANT: Neri, Bruce
; APPLICANT: Brow, Mary Ann
; APPLICANT: Anderson, Todd
; APPLICANT: Dahlberg, James
; TITLE OF INVENTION: Target-Dependent Reactions Using Structure-Bridging Oligonucleotides
; FILE REFERENCE: FORS-04012
; CURRENT APPLICATION NUMBER: US/09/402,618B
; CURRENT FILING DATE: 2000-07-18
; PRIOR APPLICATION NUMBER: PCT/US98/03194
; PRIOR FILING DATE: 1998-05-05
; NUMBER OF SEQ ID NOS: 128
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 32
; LENGTH: 239
; TYPE: DNA
; ORGANISM: Hepatitis C virus
US-09-402-618B-32

Query Match 66.7%; Score 12; DB 3; Length 239;
Best Local Similarity 83.3%; Pred. No. 8.6e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
|||:|:|:|
Db 54 GGGGTCTGGAG 43

RESULT 178
US-09-402-618B-36/c
; Sequence 36, Application US/09402618B
; Patent No. 6709815
; GENERAL INFORMATION:
; APPLICANT: Dong, Fang
; APPLICANT: Lyamichev, Victor
; APPLICANT: Prudent, James
; APPLICANT: Fors, Lance
; APPLICANT: Neri, Bruce
; APPLICANT: Brow, Mary Ann
; APPLICANT: Anderson, Todd
; APPLICANT: Dahlberg, James
; TITLE OF INVENTION: Target-Dependent Reactions Using Structure-Bridging Oligonucleotides
; FILE REFERENCE: FORS-04012

; CURRENT APPLICATION NUMBER: US/09/402,618B
; CURRENT FILING DATE: 2000-07-18
; PRIOR APPLICATION NUMBER: PCT/US98/03194
; PRIOR FILING DATE: 1998-05-05
; NUMBER OF SEQ ID NOS: 128
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 36
; LENGTH: 239
; TYPE: DNA
; ORGANISM: Hepatitis C virus
US-09-402-618B-36

Query Match 66.7%; Score 12; DB 3; Length 239;
Best Local Similarity 83.3%; Pred. No. 8.6e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
|||:|:~|:|:|
Db 54 GGGGTCTGGAG 43

RESULT 179
US-09-825-574-32/c
; Sequence 32, Application US/09825574
; Patent No. 6709819
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor I.
; Fors, Lance
; Neri, Bruce P.
; TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
Structure Probing With Structure-Bridging
Oligonucleotides.
; NUMBER OF SEQUENCES: 51
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL, LLP
; STREET: 220 Montgomery Street, Suite 2200
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/825,574
; FILING DATE: 03-Apr-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/934,097
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: MacKnight, Kamrin T.
; REGISTRATION NUMBER: 38,230
; REFERENCE/DOCKET NUMBER: FORS-02980
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 32:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 239 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "DNA"
; SEQUENCE DESCRIPTION: SEQ ID NO: 32:
US-09-825-574-32

Query Match 66.7%; Score 12; DB 3; Length 239;
Best Local Similarity 83.3%; Pred. No. 8.6e+02;

Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;
Qy 1 GGGGUCCUGGAG 12
||||:||||
Db 54 GGGGTCTTGAG 43

RESULT 180

US-09-825-574-36/c
; Sequence 36, Application US/09825574
; Patent No. 6709819
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor I.
; Brow, Mary Ann D.
; Fors, Lance
; Neri, Bruce P.

TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
Structure Probing With Structure-Bridging
Oligonucleotides.

NUMBER OF SEQUENCES: 51

CORRESPONDENCE ADDRESS:

ADDRESSEE: MEDLEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200

CITY: San Francisco
STATE: CA
COUNTRY: USA
ZIP: 94104

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/825,574

FILING DATE: 03-Apr-2001

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/934,097

FILING DATE: <Unknown>

ATTORNEY/AGENT INFORMATION:

NAME: MacKnight, Kamrin T.

REGISTRATION NUMBER: 38,230

REFERENCE/DOCKET NUMBER: FORS-02980

TELECOMMUNICATION INFORMATION:

TELEPHONE: (415) 705-8410

TELEFAX: (415) 397-8338

INFORMATION FOR SEQ ID NO: 36:

SEQUENCE CHARACTERISTICS:

LENGTH: 239 base pairs

TYPE: nucleic acid

STRANDEDNESS: double

TOPOLOGY: linear

MOLECULE TYPE: other nucleic acid

DESCRIPTION: /desc = "DNA"

SEQUENCE DESCRIPTION: SEQ ID NO: 36:

US-09-825-574-36

Query Match 66.7%; Score 12; DB 3; Length 239;
Best Local Similarity 83.3%; Pred. No. 8.6e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12

||||:||||

Db 54 GGGGTCTTGAG 43

RESULT 181

US-09-676-768-32/c

; Sequence 32, Application US/09676768

; Patent No. 6780585

; GENERAL INFORMATION:

APPLICANT: Dong, Fang

Lyamichev, Victor I.

; Prudent, James R.
; Dahlberg, James E.
; Fors, Lance

TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
Structure Probing

NUMBER OF SEQUENCES: 38

CORRESPONDENCE ADDRESS:

ADDRESSEE: MEDLEN & CARROLL, LLP

STREET: 220 Montgomery Street, Suite 2200

CITY: San Francisco

STATE: CA

COUNTRY: USA

ZIP: 94104

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent In Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/676,768

FILING DATE: 02-Oct-2000

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/851,588

FILING DATE: 05-May-1997

ATTORNEY/AGENT INFORMATION:

NAME: Ingolia, Diane E.

REGISTRATION NUMBER: 40,027

REFERENCE/DOCKET NUMBER: FORS-02777

TELECOMMUNICATION INFORMATION:

TELEPHONE: (415) 705-8410

TELEFAX: (415) 397-8338

INFORMATION FOR SEQ ID NO: 32:

SEQUENCE CHARACTERISTICS:

LENGTH: 239 base pairs

TYPE: nucleic acid

STRANDEDNESS: double

TOPOLOGY: linear

MOLECULE TYPE: other nucleic acid

DESCRIPTION: /desc = "DNA"

SEQUENCE DESCRIPTION: SEQ ID NO: 32:

US-09-676-768-32

Query Match 66.7%; Score 12; DB 3; Length 239;

Best Local Similarity 83.3%; Pred. No. 8.6e+02;

Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12

||||:||||

Db 54 GGGGTCTTGAG 43

RESULT 182

US-09-676-768-36/c

; Sequence 36, Application US/09676768

; Patent No. 6780585

; GENERAL INFORMATION:

APPLICANT: Dong, Fang

Lyamichev, Victor I.

Prudent, James R.

Dahlberg, James E.

Fors, Lance

TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
Structure Probing

NUMBER OF SEQUENCES: 38

CORRESPONDENCE ADDRESS:

ADDRESSEE: MEDLEN & CARROLL, LLP

STREET: 220 Montgomery Street, Suite 2200

CITY: San Francisco

STATE: CA

COUNTRY: USA

ZIP: 94104

COMPUTER READABLE FORM:

;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: Patent In Release #1.0, Version #1.30
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/09/676,768
;; FILING DATE: 02-Oct-2000
;; CLASSIFICATION: 435
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US/08/851,588
;; FILING DATE: 05-May-1997
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Ingolia, Diane E.
;; REGISTRATION NUMBER: 40,027
;; REFERENCE/DOCKET NUMBER: FORS-02777
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (415) 705-8410
;; TELEFAX: (415) 397-8338
;; INFORMATION FOR SEQ ID NO: 36:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 239 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: double
;; TOPOLOGY: linear
;; MOLECULE TYPE: other nucleic acid
;; DESCRIPTION: /desc = "DNA"
;; SEQUENCE DESCRIPTION: SEQ ID NO: 36:
US-09-676-768-36

Query Match 66.7%; Score 12; DB 3; Length 239;
Best Local Similarity 83.3%; Pred. No. 8.6e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
||||:||||
Db 54 GGGGTCTGGAG 43

RESULT 183

US-09-034-205-33/c
; Sequence 33, Application US/09034205
; Patent No. 6194149
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor I.
; APPLICANT: Brow, Mary Ann D.
; APPLICANT: Fors, Lance
; APPLICANT: Neri, Bruce P.
; TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING
; TITLE OF INVENTION: STRUCTURE-BRIDGING OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 68
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL, LLP
; STREET: 220 Montgomery Street, Suite 2200
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; FILING DATE:
; APPLICATION NUMBER: US/09/034,205
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: MacKnight, Kamrin T.
; REGISTRATION NUMBER: 38,230
; REFERENCE/DOCKET NUMBER: FORS-03268
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338

;; INFORMATION FOR SEQ ID NO: 33:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 240 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: double
;; TOPOLOGY: linear
;; MOLECULE TYPE: other nucleic acid
;; DESCRIPTION: /desc = "DNA"
US-09-034-205-33

Query Match 66.7%; Score 12; DB 3; Length 240;
Best Local Similarity 83.3%; Pred. No. 8.6e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
||||:||||
Db 55 GGGGTCTGGAG 44

RESULT 184

US-09-034-205-38/c
; Sequence 38, Application US/09034205
; Patent No. 6194149
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor I.
; APPLICANT: Brow, Mary Ann D.
; APPLICANT: Fors, Lance
; APPLICANT: Neri, Bruce P.
; TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING
; TITLE OF INVENTION: STRUCTURE-BRIDGING OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 68
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL, LLP
; STREET: 220 Montgomery Street, Suite 2200
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; FILING DATE:
; APPLICATION NUMBER: US/09/034,205
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: MacKnight, Kamrin T.
; REGISTRATION NUMBER: 38,230
; REFERENCE/DOCKET NUMBER: FORS-03268
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 38:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 240 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "DNA"
US-09-034-205-38

Query Match 66.7%; Score 12; DB 3; Length 240;
Best Local Similarity 83.3%; Pred. No. 8.6e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
||||:||||
Db 56 GGGGTCTGGAG 45

RESULT 185

US-08-934-097A-33/c
; Sequence 33, Application US/08934097A
; Patent No. 6210880
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor I.
; APPLICANT: Brow, Mary Ann D.
; APPLICANT: Fors, Lance
; APPLICANT: Neri, Bruce P.
; TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
; TITLE OF INVENTION: Structure Probing With Structure-Bridging
; NUMBER OF SEQUENCES: 51
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL, LLP
; STREET: 220 Montgomery Street, Suite 2200
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/934,097A
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: MacKnight, Kamrin T.
; REGISTRATION NUMBER: 38,230
; REFERENCE/DOCKET NUMBER: FORS-02980
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 33:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 240 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "DNA"
US-08-934-097A-33

Query Match 66.7%; Score 12; DB 3; Length 240;
Best Local Similarity 83.3%; Pred. No. 8.6e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
||||:|:|:|

Db 55 GGGGTCCTGGAG 44

RESULT 186

US-08-934-097A-38/c
; Sequence 38, Application US/08934097A
; Patent No. 6210880
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor I.
; APPLICANT: Brow, Mary Ann D.
; APPLICANT: Fors, Lance
; APPLICANT: Neri, Bruce P.
; TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
; TITLE OF INVENTION: Structure Probing With Structure-Bridging
; NUMBER OF SEQUENCES: 51
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL, LLP
; STREET: 220 Montgomery Street, Suite 2200
; CITY: San Francisco
; STATE: CA

; COUNTRY: USA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/934,097A
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: MacKnight, Kamrin T.
; REGISTRATION NUMBER: 38,230
; REFERENCE/DOCKET NUMBER: FORS-02980
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 38:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 240 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "DNA"
US-08-934-097A-38

Query Match 66.7%; Score 12; DB 3; Length 240;
Best Local Similarity 83.3%; Pred. No. 8.6e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12

Db 56 GGGGTCCTGGAG 45

RESULT 187

US-08-851-588-33/c
; Sequence 33, Application US/08851588
; Patent No. 6214545
; GENERAL INFORMATION:
; APPLICANT: Dong, Fang
; APPLICANT: Lyamichev, Victor I.
; APPLICANT: Prudent, James R.
; APPLICANT: Dahiberg, James E.
; APPLICANT: Fors, Lance
; TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
; TITLE OF INVENTION: Structure Probing
; NUMBER OF SEQUENCES: 38
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL, LLP
; STREET: 220 Montgomery Street, Suite 2200
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/851,588
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Ingolia, Diane E.
; REGISTRATION NUMBER: 40,027
; REFERENCE/DOCKET NUMBER: FORS-02777
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338

INFORMATION FOR SEQ ID NO: 33:

SEQUENCE CHARACTERISTICS:
LENGTH: 240 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
US-08-851-588-33

Query Match 66.7%; Score 12; DB 3; Length 240;
Best Local Similarity 83.3%; Pred. No. 8.6e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
Db 55 GGGGTCCTGGAG 44
||||:|||||

RESULT 188

US-08-851-588-38/c
Sequence 38, Application US/08851588
Patent No. 6214545
GENERAL INFORMATION:

APPLICANT: Dong, Fang
APPLICANT: Lyamichev, Victor I.
APPLICANT: Prudent, James R.
APPLICANT: Dahlberg, James E.
APPLICANT: Fors, Lance

TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
NUMBER OF SEQUENCES: 38
CORRESPONDENCE ADDRESS:

ADDRESSEE: MEDLEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
STATE: CA
COUNTRY: USA
ZIP: 94104

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/851,588
FILING DATE:
CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:
NAME: Ingolia, Diane E.
REGISTRATION NUMBER: 40,027
REFERENCE/DOCKET NUMBER: FORS-02777
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338

INFORMATION FOR SEQ ID NO: 38:
SEQUENCE CHARACTERISTICS:
LENGTH: 240 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
US-08-851-588-38

Query Match 66.7%; Score 12; DB 3; Length 240;
Best Local Similarity 83.3%; Pred. No. 8.6e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
Db 56 GGGGTCCTGGAG 45
||||:|||||

RESULT 189

US-09-677-218B-33/c
Sequence 33, Application US/09677218B
Patent No. 6355437
GENERAL INFORMATION:

APPLICANT: Lyamichev, Victor I.
APPLICANT: Fors, Lance
APPLICANT: Brow, Mary Ann D.
APPLICANT: Neri, Bruce P.

TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING
STRUCTURE-BRIDGING OLIGONUCLEOTIDES
NUMBER OF SEQUENCES: 68
CORRESPONDENCE ADDRESS:

ADDRESSEE: MEDLEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
STATE: CA
COUNTRY: USA
ZIP: 94104

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/677,218B
FILING DATE: 02-Oct-2000
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/034,205
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: MacKnight, Kamrin T.

REGISTRATION NUMBER: 38,230
REFERENCE/DOCKET NUMBER: FORS-03268
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338

INFORMATION FOR SEQ ID NO: 33:
SEQUENCE CHARACTERISTICS:
LENGTH: 240 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
SEQUENCE DESCRIPTION: SEQ ID NO: 33:
US-09-677-218B-33

Query Match 66.7%; Score 12; DB 3; Length 240;
Best Local Similarity 83.3%; Pred. No. 8.6e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
Db 55 GGGGTCCTGGAG 44
||||:|||||

RESULT 190

US-09-677-218B-38/c
Sequence 38, Application US/09677218B
Patent No. 6355437
GENERAL INFORMATION:

APPLICANT: Lyamichev, Victor I.
APPLICANT: Brow, Mary Ann D.
APPLICANT: Fors, Lance
APPLICANT: Neri, Bruce P.

TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING
STRUCTURE-BRIDGING OLIGONUCLEOTIDES
NUMBER OF SEQUENCES: 68
CORRESPONDENCE ADDRESS:

ADDRESSEE: MEDLEN & CARROLL, LLP

STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
STATE: CA
COUNTRY: USA
ZIP: 94104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA: US/09/677,218B
APPLICATION NUMBER: US/09/677,218B
FILING DATE: 02-Oct-2000
CLASSIFICATION: <Unknown>
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: 09/034,205
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: MacKnight, Kamrin T.
REGISTRATION NUMBER: 38,230
REFERENCE/DOCKET NUMBER: FORS-03268
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 38:
SEQUENCE CHARACTERISTICS:
LENGTH: 240 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
SEQUENCE DESCRIPTION: SEQ ID NO: 38:
US-09-677-218B-38

Query Match 66.7%; Score 12; DB 3; Length 240;
Best Local Similarity 83.3%; Pred. No. 8.6e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
Db 56 GGGGTCTGGAG 45

RESULT 191
US-09-677-192-33/c
; Sequence 33, Application US/09677192
; Patent No. 6358691
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor I.
; APPLICANT: Brow, Mary Ann D.
; APPLICANT: Fors, Lance
; APPLICANT: Neri, Bruce P.
; TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING STRUCTURE-BRIDGING
; FILE REFERENCE: FORS-04708
; CURRENT APPLICATION NUMBER: US/09/677,192
; PRIOR FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: 09/034,205
; PRIOR FILING DATE: 1998-03-03
; NUMBER OF SEQ ID NOS: 68
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 33
; LENGTH: 240
; TYPE: DNA
; ORGANISM: Hepatitis C virus
US-09-677-192-33

Query Match 66.7%; Score 12; DB 3; Length 240;
Best Local Similarity 83.3%; Pred. No. 8.6e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12

Db 55 GGGGTCTGGAG 44
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RESULT 192
US-09-677-192-38/c
; Sequence 38, Application US/09677192
; Patent No. 6358691
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor I.
; APPLICANT: Brow, Mary Ann D.
; APPLICANT: Fors, Lance
; APPLICANT: Neri, Bruce P.
; TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING STRUCTURE-BRIDGING
; FILE REFERENCE: FORS-04708
; CURRENT APPLICATION NUMBER: US/09/677,192
; PRIOR FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: 09/034,205
; PRIOR FILING DATE: 1998-03-03
; NUMBER OF SEQ ID NOS: 68
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 38
; LENGTH: 240
; TYPE: DNA
; ORGANISM: Hepatitis C virus
US-09-677-192-38

Query Match 66.7%; Score 12; DB 3; Length 240;
Best Local Similarity 83.3%; Pred. No. 8.6e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
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RESULT 193
US-09-402-618B-33/c
; Sequence 33, Application US/09402618B
; Patent No. 6709815
; GENERAL INFORMATION:
; APPLICANT: Dong, Fang
; APPLICANT: Lyamichev, Victor
; APPLICANT: Prudent, James
; APPLICANT: Fors, Lance
; APPLICANT: Neri, Bruce
; APPLICANT: Brow, Mary Ann
; APPLICANT: Anderson, Todd
; APPLICANT: Dahlberg, James
; TITLE OF INVENTION: Target-Dependent Reactions Using Structure-Bridging Oligonucleotides
; FILE REFERENCE: FORS-04012
; CURRENT APPLICATION NUMBER: US/09/402,618B
; CURRENT FILING DATE: 2000-07-18
; PRIOR APPLICATION NUMBER: PCT/US98/03194
; PRIOR FILING DATE: 1998-05-05
; NUMBER OF SEQ ID NOS: 128
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 33
; LENGTH: 240
; TYPE: DNA
; ORGANISM: Hepatitis C virus
US-09-402-618B-33

Query Match 66.7%; Score 12; DB 3; Length 240;
Best Local Similarity 83.3%; Pred. No. 8.6e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
Db 55 GGGGTCTGGAG 44
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RESULT 194
US-09-402-618B-38/c
; Sequence 36, Application US/09402618B
; Patent No. 6709815
; GENERAL INFORMATION:
; APPLICANT: Dong, Fang
; APPLICANT: Lyamichiev, Victor
; APPLICANT: Prudent, James
; APPLICANT: Fors, Lance
; APPLICANT: Neri, Bruce
; APPLICANT: Brow, Mary Ann
; APPLICANT: Anderson, Todd
; APPLICANT: Dahlberg, James
; TITLE OF INVENTION: Target-Dependent Reactions Using Structure-Bridging Oligonucleotides
; FILE REFERENCE: FORS-04012
; CURRENT APPLICATION NUMBER: US/09/402,618B
; CURRENT FILING DATE: 2000-07-18
; PRIOR APPLICATION NUMBER: PCT/US98/03194
; PRIOR FILING DATE: 1998-05-05
; NUMBER OF SEQ ID NOS: 128
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; SEQ ID NO 38
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; TYPE: DNA
; ORGANISM: Hepatitis C virus
US-09-402-618B-38

Query Match      66.7%; Score 12; DB 3; Length 240;
Best Local Similarity 83.3%; Pred. No. 8.6e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

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RESULT 195
US-09-825-574-33/c
; Sequence 33, Application US/09825574
; Patent No. 6709819
; GENERAL INFORMATION:
; APPLICANT: Lyamichiev, Victor I.
; Fors, Lance P.
; Neri, Bruce P.
; TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
; Structure Probing With Structure-Bridging
; Oligonucleotides.
; NUMBER OF SEQUENCES: 51
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL, LLP
; STREET: 220 Montgomery Street, Suite 2200
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/825,574
; FILING DATE: 03-Apr-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/934,097
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: MacKnight, Kamrin T.
; REGISTRATION NUMBER: 38,230
; REFERENCE/DOCKET NUMBER: FORS-02980
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 38:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 240 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "DNA"
; SEQUENCE DESCRIPTION: SEQ ID NO: 38:
US-09-825-574-38

Query Match      66.7%; Score 12; DB 3; Length 240;
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;
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 33:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 240 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "DNA"
; SEQUENCE DESCRIPTION: SEQ ID NO: 33:
US-09-825-574-33

Query Match      66.7%; Score 12; DB 3; Length 240;
Best Local Similarity 83.3%; Pred. No. 8.6e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      1 GGGGUCCUGGAG 12
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Db      55 GGGGTCCTGGAG 44

RESULT 196
US-09-825-574-38/c
; Sequence 38, Application US/09825574
; Patent No. 6709819
; GENERAL INFORMATION:
; APPLICANT: Lyamichiev, Victor I.
; Fors, Lance P.
; Neri, Bruce P.
; TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
; Structure Probing With Structure-Bridging
; Oligonucleotides.
; NUMBER OF SEQUENCES: 51
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL, LLP
; STREET: 220 Montgomery Street, Suite 2200
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/825,574
; FILING DATE: 03-Apr-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/934,097
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: MacKnight, Kamrin T.
; REGISTRATION NUMBER: 38,230
; REFERENCE/DOCKET NUMBER: FORS-02980
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 38:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 240 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "DNA"
; SEQUENCE DESCRIPTION: SEQ ID NO: 38:
US-09-825-574-38

Query Match      66.7%; Score 12; DB 3; Length 240;
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Best Local Similarity 83.3%; Pred. No. 8.6e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
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Db 56 GGGGTCTTGAG 45

RESULT 197

US-09-676-768-33/c
; Sequence 33, Application US/09676768
; Patent No. 6780585
; GENERAL INFORMATION:
; APPLICANT: Dong, Fang
; Lyamichev, Victor I.
; Prudent, James R.
; Dahlberg, James E.
; Fors, Lance
; TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
; Structure Probing

NUMBER OF SEQUENCES: 38
CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
STATE: CA
COUNTRY: USA
ZIP: 94104

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/676,768
FILING DATE: 02-Oct-2000
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/851,588
FILING DATE: 05-May-1997

ATTORNEY/AGENT INFORMATION:
NAME: Ingolia, Diane E.
REGISTRATION NUMBER: 40,027
REFERENCE/DOCKET NUMBER: FORS-02777
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338

INFORMATION FOR SEQ ID NO: 33:
SEQUENCE CHARACTERISTICS:
LENGTH: 240 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
SEQUENCE DESCRIPTION: SEQ ID NO: 33:
US-09-676-768-33

Query Match 66.7%; Score 12; DB 3; Length 240;
Best Local Similarity 83.3%; Pred. No. 8.6e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
||||:|:|:|
Db 55 GGGGTCTTGAG 44

RESULT 198

US-09-676-768-38/c
; Sequence 38, Application US/09676768
; Patent No. 6780585
; GENERAL INFORMATION:
; APPLICANT: Dong, Fang

Lyamichev, Victor I.
Prudent, James R.
Dahlberg, James E.
Fors, Lance
; TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
; Structure Probing

NUMBER OF SEQUENCES: 38
CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
STATE: CA
COUNTRY: USA
ZIP: 94104

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/676,768
FILING DATE: 02-Oct-2000
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/851,588
FILING DATE: 05-May-1997

ATTORNEY/AGENT INFORMATION:
NAME: Ingolia, Diane E.
REGISTRATION NUMBER: 40,027
REFERENCE/DOCKET NUMBER: FORS-02777
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 38:
SEQUENCE CHARACTERISTICS:
LENGTH: 240 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear

MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
SEQUENCE DESCRIPTION: SEQ ID NO: 38:
US-09-676-768-38

Query Match 66.7%; Score 12; DB 3; Length 240;
Best Local Similarity 83.3%; Pred. No. 8.6e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
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Db 56 GGGGTCTTGAG 45

RESULT 199

US-08-335-595-1/c
; Sequence 1, Application US/08335595
; Patent No. 5914228
; GENERAL INFORMATION:
; APPLICANT: VIERLING, JOHN M
; APPLICANT: HU, KE-QIN
; TITLE OF INVENTION: DIRECT DETECTION OF HEPATITIS C VIRUS
; NUMBER OF SEQUENCES: 1
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LYON & LYON
; STREET: 611 WEST 6TH STREET
; CITY: LOS ANGELES
; STATE: CALIFORNIA
; COUNTRY: USA
; ZIP: 90017

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS

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; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/335,595
; FILING DATE: 08-NOV-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/175,473
; FILING DATE:
; APPLICATION NUMBER: US/07/758,862
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: SCHNEIDER, CAROL A.
; REGISTRATION NUMBER: 34,923
; REFERENCE/DOCKET NUMBER: 194/285
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 213-489-1600
; TELEFAX: 213-955-0440
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 242 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-335-595-1

Query Match 66.7%; Score 12; DB 2; Length 242;
Best Local Similarity 83.3%; Pred. No. 8.6e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
Db 100 GGGGTCCTGGAG 89

RESULT 200
US-09-034-205-26/c
; Sequence 26, Application US/09034205
; Patent No. 6194149
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor I.
; APPLICANT: Brow, Mary Ann D.
; APPLICANT: Fors, Lance P.
; APPLICANT: Neri, Bruce P.
; TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING
; TITLE OF INVENTION: STRUCTURE-BRIDGING OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 68
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL, LLP
; STREET: 220 Montgomery Street, Suite 2200
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/034,205
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: MacKnight, Kamrin T.
; REGISTRATION NUMBER: 38,230
; REFERENCE/DOCKET NUMBER: FORS-03268
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 26:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 244 base pairs
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; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "DNA"
; US-09-034-205-26

Query Match 66.7%; Score 12; DB 3; Length 244;
Best Local Similarity 83.3%; Pred. No. 8.5e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
Db 56 GGGGTCCTGGAG 45

Search completed: February 27, 2006, 08:15:54
Job time : 82.1053 secs
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GenCore version 5.1.7
Copyright (c) 1993 - 2006 Bioceleration Ltd.

OM nucleic - nucleic search, using sw model

Run on: February 27, 2006, 08:07:13 ; Search time 342 Seconds
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Title: US-08-887-505B-38

Perfect score: 18

Sequence: 1 GGGGUCCUGGAGNNNNN 18

Scoring table: OLIGO_NUC
Gapop 60.0 , Gapext 60.0

Searched: 9793542 seqs, 4134689005 residues

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Minimum DB seq length: 0

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Database : Published Applications NA Main:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
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6	13	72.2	418	9	US-10-450-763-11805
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10	13	72.2	165221	5	US-10-087-192-1015
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32	12	66.7	5132	8	US-10-723-860-5790
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58	12	66.7	167163	7	US-10-394-948-31
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c 146	12	66.7	48	6	US-10-322-138-6	Sequence 6, Appli	c 219	12	66.7	177	8	US-10-822-711-74	Sequence 74, Appl
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c 159	12	66.7	177	3	US-09-294-121A-69	Sequence 69, Appl	c 232	12	66.7	178	3	US-09-899-302-71	Sequence 71, Appl
c 160	12	66.7	177	3	US-09-294-121A-70	Sequence 70, Appl	c 233	12	66.7	178	3	US-09-899-044-59	Sequence 59, Appl
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C 284	12	66.7	239	9	US-10-655-362-36	Sequence 36, Appl	C 357	12	66.7	299	6	US-10-230-381-1	Sequence 1, Appl
C 285	12	66.7	239	9	US-10-927-520-9	Sequence 9, Appl	C 358	12	66.7	300	9	US-10-779-543-2661	Sequence 2661, Ap
C 286	12	66.7	239	9	US-10-927-520-10	Sequence 10, Appl	C 359	12	66.7	302	3	US-09-796-692-9227	Sequence 9227, Ap
C 287	12	66.7	240	3	US-09-825-574-33	Sequence 33, Appl	C 360	12	66.7	302	5	US-10-040-862-9227	Sequence 9227, Ap
C 288	12	66.7	240	3	US-09-825-574-38	Sequence 38, Appl	C 361	12	66.7	302	6	US-10-057-475B-9227	Sequence 9227, Ap
C 289	12	66.7	240	3	US-09-882-945A-33	Sequence 33, Appl	C 362	12	66.7	302	6	US-10-154-884B-9227	Sequence 9227, Ap
C 290	12	66.7	240	3	US-09-882-945A-38	Sequence 38, Appl	C 363	12	66.7	302	9	US-10-764-324-9227	Sequence 9227, Ap
C 291	12	66.7	240	8	US-10-807-114-33	Sequence 33, Appl	C 364	12	66.7	305	9	US-10-363-177A-64	Sequence 64, Appl
C 292	12	66.7	240	8	US-10-807-114-38	Sequence 33, Appl	C 365	12	66.7	305	9	US-10-363-177A-64	Sequence 64, Appl
C 293	12	66.7	240	8	US-10-655-362-33	Sequence 33, Appl	C 366	12	66.7	315	3	US-09-345-761-6	Sequence 6, Appl
C 294	12	66.7	240	8	US-10-655-362-38	Sequence 38, Appl	C 367	12	66.7	315	7	US-10-687-588-6	Sequence 6, Appl
C 295	12	66.7	241	5	US-10-087-631B-10	Sequence 10, Appl	C 368	12	66.7	315	7	US-10-687-588-6	Sequence 6, Appl
C 296	12	66.7	241	6	US-10-419-024-10	Sequence 10, Appl	C 369	12	66.7	319	8	US-10-425-115-12017	Sequence 12017, A
C 297	12	66.7	244	3	US-09-825-574-26	Sequence 26, Appl	C 370	12	66.7	321	10	US-11-097-143-16952	Sequence 16952, A
C 298	12	66.7	244	3	US-09-825-574-29	Sequence 29, Appl	C 371	12	66.7	328	3	US-09-882-945A-240	Sequence 240, App
C 299	12	66.7	244	3	US-09-825-574-31	Sequence 31, Appl	C 372	12	66.7	328	3	US-09-882-945A-240	Sequence 240, App
C 300	12	66.7	244	3	US-09-882-945A-26	Sequence 26, Appl	C 373	12	66.7	328	8	US-10-475-024-18	Sequence 18, Appl
C 301	12	66.7	244	3	US-09-882-945A-29	Sequence 29, Appl	C 374	12	66.7	328	8	US-10-807-114-240	Sequence 240, App
C 302	12	66.7	244	3	US-09-882-945A-31	Sequence 31, Appl	C 375	12	66.7	328	8	US-10-807-114-242	Sequence 242, App
C 303	12	66.7	244	7	US-10-688-272-16	Sequence 16, Appl	C 376	12	66.7	328	9	US-10-475-026-18	Sequence 18, Appl
C 304	12	66.7	244	8	US-10-807-114-26	Sequence 26, Appl	C 377	12	66.7	330	8	US-10-425-115-112799	Sequence 112799, A
C 305	12	66.7	244	8	US-10-807-114-29	Sequence 29, Appl	C 378	12	66.7	337	3	US-09-940-244-45	Sequence 45, Appl
C 306	12	66.7	244	8	US-10-807-114-31	Sequence 31, Appl	C 379	12	66.7	337	3	US-09-983-667-56	Sequence 56, Appl
C 307	12	66.7	244	8	US-10-655-362-26	Sequence 26, Appl	C 380	12	66.7	337	3	US-09-732-622A-45	Sequence 45, Appl
C 308	12	66.7	244	8	US-10-655-362-29	Sequence 29, Appl	C 381	12	66.7	337	5	US-10-033-237-45	Sequence 45, Appl
C 309	12	66.7	244	8	US-10-655-362-31	Sequence 31, Appl	C 382	12	66.7	337	5	US-10-081-806-56	Sequence 56, Appl
C 310	12	66.7	244	8	US-10-655-362-134	Sequence 12, App	C 383	12	66.7	337	6	US-10-142-283-136	Sequence 136, App
C 311	12	66.7	244	8	US-10-655-362-137	Sequence 127, App	C 384	12	66.7	337	6	US-10-290-386-45	Sequence 45, Appl
C 312	12	66.7	244	8	US-10-655-362-128	Sequence 128, App	C 385	12	66.7	337	7	US-10-356-861-45	Sequence 45, Appl
C 313	12	66.7	244	10	US-11-031-487-67	Sequence 67, Appl	C 386	12	66.7	337	8	US-10-309-584-45	Sequence 45, Appl
C 314	12	66.7	244	10	US-11-031-487-68	Sequence 68, Appl	C 387	12	66.7	337	8	US-10-897-793-45	Sequence 45, Appl
C 315	12	66.7	263	6	US-10-292-129-13	Sequence 13, Appl	C 388	12	66.7	337	8	US-10-783-557-45	Sequence 45, Appl

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C 390	12	66.7	341	3	US-09-814-292-44	Sequence 44, Appl	C 463	12	66.7	434	5	US-10-102-524-1040	Sequence 1040, Ap
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C 392	12	66.7	341	3	US-09-814-351-3	Sequence 3, Appl	C 465	12	66.7	439	4	US-09-925-065A-404880	Sequence 404880,
C 393	12	66.7	341	6	US-10-259-273-35	Sequence 35, Appl	C 466	12	66.7	440	8	US-10-357-930-32267	Sequence 32267, A
C 394	12	66.7	341	7	US-10-691-045-3	Sequence 3, Appl	C 467	12	66.7	440	8	US-10-357-930-41199	Sequence 41199, A
C 395	12	66.7	341	10	US-11-006-313-35	Sequence 35, Appl	C 468	12	66.7	440	8	US-10-357-930-41237	Sequence 41237, A
C 396	12	66.7	347	3	US-09-814-353-1497	Sequence 1497, Ap	C 469	12	66.7	441	4	US-09-925-065A-278363	Sequence 278363,
C 397	12	66.7	347	3	US-09-814-353-7856	Sequence 7856, Ap	C 470	12	66.7	441	8	US-10-425-115-37975	Sequence 37975, A
C 398	12	66.7	347	6	US-10-132-295-1	Sequence 1, Appl	C 471	12	66.7	446	3	US-09-918-995-28661	Sequence 28661, A
C 399	12	66.7	347	9	US-10-779-543-16165	Sequence 16165, A	C 472	12	66.7	446	4	US-09-925-065A-520283	Sequence 520283,
C 400	12	66.7	364	9	US-10-972-079-42621	Sequence 42621, A	C 473	12	66.7	448	7	US-10-437-963-88979	Sequence 88979, A
C 401	12	66.7	365	4	US-09-925-065A-528039	Sequence 528039,	C 474	12	66.7	454	5	US-10-027-632-136999	Sequence 136999,
C 402	12	66.7	365	9	US-10-972-079-46406	Sequence 46406, A	C 475	12	66.7	454	6	US-10-027-632-136999	Sequence 136999,
C 403	12	66.7	366	3	US-09-877-526A-48	Sequence 48, Appl	C 476	12	66.7	455	5	US-10-027-632-195949	Sequence 195949,
C 404	12	66.7	366	3	US-09-992-160-48	Sequence 48, Appl	C 477	12	66.7	455	6	US-10-027-632-195949	Sequence 195949,
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C 406	12	66.7	366	3	US-09-817-879-9701	Sequence 9701, Ap	C 479	12	66.7	458	4	US-09-925-065A-115346	Sequence 115346,
C 407	12	66.7	366	5	US-10-056-761-48	Sequence 48, Appl	C 480	12	66.7	458	4	US-09-925-065A-115347	Sequence 115347,
C 408	12	66.7	366	6	US-10-423-050-48	Sequence 48, Appl	C 481	12	66.7	458	8	US-10-357-930-37184	Sequence 37184, A
C 409	12	66.7	366	7	US-10-669-841-16198	Sequence 16198, A	C 482	12	66.7	461	3	US-09-851-138-103	Sequence 103, Appl
C 410	12	66.7	368	3	US-09-960-352-12725	Sequence 12725, A	C 483	12	66.7	463	8	US-10-425-115-162307	Sequence 162307,
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C 412	12	66.7	368	5	US-10-027-632-278770	Sequence 278772,	C 485	12	66.7	469	3	US-09-836-353A-95	Sequence 95, Appl
C 413	12	66.7	368	5	US-10-027-632-278772	Sequence 278772,	C 486	12	66.7	474	3	US-09-918-995-15614	Sequence 15614, A
C 414	12	66.7	368	6	US-10-027-632-278770	Sequence 278770,	C 487	12	66.7	475	3	US-09-864-761-10323	Sequence 10323, A
C 415	12	66.7	368	6	US-10-027-632-278771	Sequence 278771,	C 488	12	66.7	475	8	US-10-758-846-21	Sequence 21, Appl
C 416	12	66.7	368	6	US-10-027-632-278772	Sequence 278772,	C 489	12	66.7	475	9	US-10-496-905-45	Sequence 25, Appl
C 417	12	66.7	374	7	US-10-324-409B-32	Sequence 32, Appl	C 490	12	66.7	477	3	US-09-918-995-22114	Sequence 22114, A
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C 419	12	66.7	383	9	US-10-626-879-9	Sequence 9, Appl	C 492	12	66.7	480	3	US-09-771-209-35	Sequence 35, Appl
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C 422	12	66.7	386	3	US-09-941-139A-122	Sequence 122, App	C 495	12	66.7	482	7	US-10-240-425-487	Sequence 487, App
C 423	12	66.7	386	8	US-10-357-930-11132	Sequence 11132, A	C 496	12	66.7	482	8	US-10-425-115-3564	Sequence 3564, Ap
C 424	12	66.7	391	7	US-10-409-594-122	Sequence 122, App	C 497	12	66.7	485	4	US-09-925-065A-301837	Sequence 301837,
C 425	12	66.7	391	7	US-10-363-829-168	Sequence 168, App	C 498	12	66.7	485	4	US-09-925-065A-301838	Sequence 301838,
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C 427	12	66.7	393	6	US-10-276-513-5	Sequence 5, Appl	C 500	12	66.7	486	5	US-10-027-632-46039	Sequence 46039, A
C 428	12	66.7	394	3	US-09-867-701-6178	Sequence 6178, Ap	C 501	12	66.7	486	6	US-10-027-632-46038	Sequence 46038, A
C 429	12	66.7	394	8	US-10-357-930-11094	Sequence 11094, A	C 502	12	66.7	486	6	US-10-027-632-46039	Sequence 46039, A
C 430	12	66.7	395	7	US-10-609-021-253	Sequence 253, App	C 503	12	66.7	492	6	US-10-264-237-543	Sequence 543, App
C 431	12	66.7	395	9	US-10-779-543-15919	Sequence 15919, A	C 504	12	66.7	493	3	US-09-783-590-6626	Sequence 6626, Ap
C 432	12	66.7	397	8	US-10-357-930-1963	Sequence 1963, Ap	C 505	12	66.7	494	9	US-10-450-763-7433	Sequence 7433, Ap
C 433	12	66.7	398	8	US-10-357-930-1925	Sequence 1925, Ap	C 506	12	66.7	495	5	US-10-027-632-47325	Sequence 47325, A
C 434	12	66.7	398	8	US-10-696-639-897	Sequence 897, App	C 507	12	66.7	495	6	US-10-027-632-47325	Sequence 47325, A
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C 437	12	66.7	400	6	US-10-027-632-292328	Sequence 292328,	C 510	12	66.7	502	6	US-10-029-386-8810	Sequence 8810, Ap
C 438	12	66.7	400	6	US-10-027-632-292329	Sequence 292329,	C 511	12	66.7	503	4	US-09-925-065A-270671	Sequence 270671,
C 439	12	66.7	401	3	US-09-735-705-264	Sequence 264, App	C 512	12	66.7	503	4	US-09-925-065A-270672	Sequence 270672,
C 440	12	66.7	401	3	US-09-850-716A-264	Sequence 264, App	C 513	12	66.7	503	4	US-09-925-065A-270673	Sequence 270673,
C 441	12	66.7	401	3	US-09-897-778-264	Sequence 264, App	C 514	12	66.7	503	4	US-09-925-065A-270674	Sequence 270674,
C 442	12	66.7	401	5	US-10-007-700-264	Sequence 264, App	C 515	12	66.7	504	7	US-10-424-599-141320	Sequence 141320,
C 443	12	66.7	401	6	US-10-117-982-264	Sequence 264, App	C 516	12	66.7	505	9	US-10-669-162C-247	Sequence 247, App
C 444	12	66.7	401	6	US-10-313-986-264	Sequence 264, App	C 517	12	66.7	506	6	US-10-029-386-8251	Sequence 8251, Ap
C 445	12	66.7	401	8	US-10-775-972-264	Sequence 264, App	C 518	12	66.7	508	3	US-09-864-761-7994	Sequence 7994, Ap
C 446	12	66.7	401	8	US-10-922-124-264	Sequence 264, App	C 519	12	66.7	509	4	US-09-925-065A-530462	Sequence 530462,
C 447	12	66.7	403	9	US-10-450-763-1567	Sequence 1567, Ap	C 520	12	66.7	510	6	US-10-029-386-7099	Sequence 7099, Ap
C 448	12	66.7	404	3	US-09-867-701-5163	Sequence 5163, Ap	C 521	12	66.7	513	4	US-09-925-065A-842326	Sequence 842326,
C 449	12	66.7	407	7	US-10-437-963-81717	Sequence 81717, Ap	C 522	12	66.7	513	6	US-10-029-386-354	Sequence 354, App
C 450	12	66.7	410	3	US-09-814-353-14240	Sequence 14240, A	C 523	12	66.7	517	9	US-10-764-420-1215	Sequence 1215, Ap
C 451	12	66.7	411	3	US-09-918-995-16711	Sequence 16711, A	C 524	12	66.7	518	4	US-09-925-065A-45783	Sequence 45783, A
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C 453	12	66.7	414	5	US-10-027-632-46928	Sequence 46928, A	C 526	12	66.7	519	9	US-10-660-811A-110	Sequence 110, App
C 454	12	66.7	414	6	US-10-027-632-46928	Sequence 46928, A	C 527	12	66.7	522	4	US-09-925-065A-119173	Sequence 119173,
C 455	12	66.7	416	3	US-10-450-763-16054	Sequence 16054, A	C 528	12	66.7	525	4	US-09-925-065A-481696	Sequence 481696,
C 456	12	66.7	418	3	US-09-960-352-598	Sequence 588, App	C 529	12	66.7	529	4	US-09-925-065A-310603	Sequence 310603,
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C 458	12	66.7	428	4	US-09-925-065A-844774	Sequence 844774,	C 531	12	66.7	532	4	US-09-925-065A-471303	Sequence 471303,
C 459	12	66.7	428	9	US-10-450-763-27675	Sequence 27675, A	C 532	12	66.7	532	4	US-09-925-065A-471304	Sequence 471304,
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C 461	12	66.7	433	8	US-10-357-930-7216	Sequence 7216, Ap	C 534	12	66.7	535	8	US-10-357-930-39241	Sequence 39241, A

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536	12	66.7	539	4	US-09-925-065A-52375	Sequence 52375, A	609	12	66.7	600	10	US-11-060-756-630	Sequence 630, App
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C 540	12	66.7	543	6	US-10-156-761-4088	Sequence 4088, App	C 613	12	66.7	600	10	US-11-060-756-3380	Sequence 3380, App
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C 542	12	66.7	545	4	US-09-925-065A-147671	Sequence 147671,	C 615	12	66.7	600	10	US-11-060-756-4046	Sequence 4046, App
C 543	12	66.7	545	4	US-09-925-065A-147673	Sequence 147673,	C 616	12	66.7	600	10	US-11-060-756-4047	Sequence 4047, App
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C 556	12	66.7	559	6	US-10-029-386-1894	Sequence 1894, App	C 629	12	66.7	603	4	US-09-925-065A-76737	Sequence 76737, A
C 557	12	66.7	560	4	US-09-925-065A-438153	Sequence 438153,	C 630	12	66.7	605	4	US-09-925-065A-280937	Sequence 280937, A
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C 559	12	66.7	560	6	US-10-027-632-90602	Sequence 90602, A	C 632	12	66.7	610	5	US-09-925-065A-639392	Sequence 639392, A
C 560	12	66.7	562	6	US-10-029-386-1350	Sequence 1350, App	C 633	12	66.7	610	5	US-10-027-632-269815	Sequence 269815, A
C 561	12	66.7	568	4	US-09-925-065A-438993	Sequence 438993,	C 634	12	66.7	610	6	US-10-027-632-269816	Sequence 269816, A
C 562	12	66.7	569	3	US-09-864-761-15877	Sequence 15877, A	C 635	12	66.7	610	6	US-10-027-632-269816	Sequence 269816, A
C 563	12	66.7	569	4	US-09-925-065A-917962	Sequence 917962, A	C 636	12	66.7	610	8	US-10-027-632-269816	Sequence 269816, A
C 564	12	66.7	569	4	US-09-925-065A-944896	Sequence 944896,	C 637	12	66.7	610	8	US-10-357-930-21229	Sequence 21229, A
C 565	12	66.7	569	4	US-09-925-065A-944897	Sequence 944897,	C 638	12	66.7	610	8	US-10-357-930-21229	Sequence 21229, A
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C 567	12	66.7	571	6	US-10-029-386-2813	Sequence 2813, App	C 640	12	66.7	611	4	US-09-925-065A-629173	Sequence 629173, A
C 568	12	66.7	574	4	US-09-925-065A-2581	Sequence 2581, App	C 641	12	66.7	611	5	US-10-027-632-99472	Sequence 99472, A
C 569	12	66.7	574	4	US-09-925-065A-439997	Sequence 439997,	C 642	12	66.7	613	6	US-10-027-632-99472	Sequence 99472, A
C 570	12	66.7	576	4	US-09-925-065A-499275	Sequence 499275,	C 643	12	66.7	616	4	US-09-925-065A-851283	Sequence 851283, A
C 571	12	66.7	577	4	US-09-925-065A-355898	Sequence 355898,	C 644	12	66.7	616	4	US-09-925-065A-851284	Sequence 851284, A
C 572	12	66.7	578	4	US-09-925-065A-519468	Sequence 519468,	C 645	12	66.7	616	4	US-10-450-763-11759	Sequence 11759, A
C 573	12	66.7	578	4	US-09-925-065A-713025	Sequence 713025,	C 647	12	66.7	617	9	US-09-925-065A-403047	Sequence 403047, A
C 574	12	66.7	579	4	US-09-925-065A-757107	Sequence 757107,	C 648	12	66.7	622	4	US-09-925-065A-403048	Sequence 403048, A
C 575	12	66.7	582	5	US-10-027-632-129745	Sequence 129745,	C 649	12	66.7	622	4	US-10-027-632-247265	Sequence 247265, A
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C 579	12	66.7	587	3	US-10-430-201-3256	Sequence 3256, App	C 653	12	66.7	625	7	US-10-276-774-439	Sequence 429, App
C 580	12	66.7	591	3	US-09-969-034-226	Sequence 226, App	C 654	12	66.7	626	4	US-09-925-065A-720710	Sequence 720710, A
C 581	12	66.7	591	8	US-10-425-115-67445	Sequence 67445, A	C 655	12	66.7	626	5	US-10-027-632-282944	Sequence 282944, A
C 582	12	66.7	593	4	US-09-925-065A-356511	Sequence 356511,	C 656	12	66.7	626	5	US-10-027-632-282944	Sequence 282944, A
C 583	12	66.7	593	4	US-09-925-065A-356512	Sequence 356512,	C 657	12	66.7	626	6	US-10-027-632-282944	Sequence 282944, A
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C 590	12	66.7	599	7	US-10-767-701-29289	Sequence 29289, A	C 664	12	66.7	631	6	US-10-027-632-68162	Sequence 68162, A
C 591	12	66.7	599	9	US-10-972-079-2298	Sequence 2298, App	C 665	12	66.7	631	6	US-10-027-632-139050	Sequence 139050, A
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C 595	12	66.7	600	4	US-09-925-065A-427144	Sequence 427144,	C 669	12	66.7	639	4	US-09-925-065A-385263	Sequence 385263, A
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C 597	12	66.7	600	4	US-09-925-065A-427146	Sequence 427146,	C 671	12	66.7	645	7	US-09-925-065A-866924	Sequence 866924, A
C 598	12	66.7	600	5	US-09-925-065A-427147	Sequence 427147,	C 672	12	66.7	645	7	US-10-767-701-1097	Sequence 1097, App
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C 604	12	66.7	600	9	US-10-972-079-25644	Sequence 25644, A	C 678	12	66.7	652	3	US-09-851-138-59	Sequence 59, Appl
C 605	12	66.7	600	9	US-10-972-079-29076	Sequence 29076, A	C 679	12	66.7	652	5	US-10-027-632-201615	Sequence 201615, A
C 606	12	66.7	600	9	US-10-972-079-73391	Sequence 73391, A	C 680	12	66.7	652	6	US-10-027-632-201615	Sequence 201615, A

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c 684	12	66.7	663	5	US-10-027-632-239168	Sequence 239168,	757	12	66.7	793	6	US-10-027-632-157266	Sequence 157266,
c 685	12	66.7	663	6	US-10-027-632-239167	Sequence 239167,	758	12	66.7	799	8	US-10-128-558-328	Sequence 328, App
c 686	12	66.7	663	6	US-10-027-632-239168	Sequence 239168,	c 759	12	66.7	799	9	US-10-450-763-7700	Sequence 7700, Ap
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c 691	12	66.7	673	4	US-09-925-065A-833663	Sequence 833663,	c 764	12	66.7	819	3	US-09-794-210-1	Sequence 1, Appl
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c 699	12	66.7	681	4	US-09-925-065A-836958	Sequence 836958,	c 772	12	66.7	824	5	US-10-106-698-1180	Sequence 1180, Ap
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c 708	12	66.7	692	6	US-10-027-632-32098	Sequence 32098, A	c 781	12	66.7	834	5	US-10-027-632-137821	Sequence 137821,
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c 716	12	66.7	696	5	US-10-027-632-102781	Sequence 102781,	c 789	12	66.7	837	5	US-10-027-632-139084	Sequence 139084,
c 717	12	66.7	696	6	US-10-027-632-102781	Sequence 102781,	c 790	12	66.7	837	5	US-10-027-632-139084	Sequence 139084,
c 718	12	66.7	702	6	US-10-002-631C-263	Sequence 263, App	c 791	12	66.7	837	6	US-10-027-632-139084	Sequence 139084,
c 719	12	66.7	709	5	US-10-027-632-26808	Sequence 26808, A	c 792	12	66.7	837	6	US-10-027-632-139084	Sequence 139084,
c 720	12	66.7	709	6	US-10-027-632-26808	Sequence 26808, A	c 793	12	66.7	842	3	US-09-875-338-20	Sequence 20, Appl
c 721	12	66.7	710	4	US-09-925-065A-932238	Sequence 932238,	c 794	12	66.7	842	5	US-10-077-023-20	Sequence 20, Appl
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c 723	12	66.7	710	4	US-10-404-460-109	Sequence 109, App	c 796	12	66.7	843	9	US-10-450-763-11760	Sequence 11760, A
c 724	12	66.7	715	6	US-10-156-761-3416	Sequence 3416, Ap	c 797	12	66.7	857	9	US-10-450-763-3115	Sequence 3115, App
c 725	12	66.7	715	5	US-10-027-632-144988	Sequence 144988,	c 798	12	66.7	861	7	US-10-029-020-29	Sequence 29, Appl
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c 729	12	66.7	721	3	US-09-974-300-2398	Sequence 2398, Ap	c 802	12	66.7	911	5	US-10-027-632-9546	Sequence 9546, Ap
c 730	12	66.7	725	5	US-10-202-193-295	Sequence 295, App	c 803	12	66.7	911	5	US-10-027-632-9546	Sequence 9546, Ap
c 731	12	66.7	726	4	US-09-925-065A-935999	Sequence 935999,	c 804	12	66.7	911	6	US-10-027-632-9546	Sequence 9546, Ap
c 732	12	66.7	732	9	US-10-450-763-209	Sequence 209, App	c 805	12	66.7	912	6	US-10-027-632-9547	Sequence 9547, Ap
c 733	12	66.7	732	5	US-10-027-632-1052	Sequence 1052, Ap	c 806	12	66.7	912	6	US-10-402-842-8	Sequence 8, Appl
c 734	12	66.7	734	5	US-10-027-632-1053	Sequence 1053, Ap	c 807	12	66.7	912	7	US-10-746-795-8	Sequence 8, Appl
c 735	12	66.7	734	6	US-10-027-632-1052	Sequence 1052, Ap	c 808	12	66.7	912	7	US-10-450-763-4062	Sequence 4062, Ap
c 736	12	66.7	736	5	US-10-027-632-1053	Sequence 1053, Ap	c 809	12	66.7	939	8	US-10-774-355A-17	Sequence 17, Appl
c 737	12	66.7	737	4	US-10-202-193-294	Sequence 294, App	c 810	12	66.7	950	7	US-10-114-270-103	Sequence 103, App
c 738	12	66.7	737	4	US-09-925-065A-932266	Sequence 932266,	c 811	12	66.7	951	6	US-10-156-761-719	Sequence 719, App
c 739	12	66.7	740	5	US-10-027-632-172587	Sequence 172587,	c 812	12	66.7	961	3	US-09-864-761-1566	Sequence 1566, Ap
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c 742	12	66.7	741	6	US-10-027-632-132672	Sequence 132672,	c 815	12	66.7	967	6	US-10-029-386-24193	Sequence 24193, A
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c 745	12	66.7	759	7	US-10-424-599-41472	Sequence 41472, A	c 818	12	66.7	1005	6	US-10-156-761-1982	Sequence 1982, Ap
c 746	12	66.7	764	5	US-10-027-632-139086	Sequence 139086,	c 819	12	66.7	1005	10	US-11-069-543-117	Sequence 117, App
c 747	12	66.7	764	6	US-10-027-632-139086	Sequence 139086,	c 820	12	66.7	1005	10	US-11-069-543-123	Sequence 123, App
c 748	12	66.7	768	9	US-10-756-149-1361	Sequence 1961, App	c 821	12	66.7	1005	10	US-11-069-543-125	Sequence 125, App
c 749	12	66.7	770	6	US-10-188-359-219	Sequence 219, App	c 822	12	66.7	1005	10	US-11-069-543-127	Sequence 127, App
c 750	12	66.7	780	5	US-10-027-632-8843	Sequence 8843, Ap	c 823	12	66.7	1008	6	US-10-006-285-313	Sequence 313, App
c 751	12	66.7	780	5	US-10-027-632-8843	Sequence 8843, Ap	c 824	12	66.7	1009	6	US-10-264-237-117	Sequence 117, App
c 752	12	66.7	784	5	US-10-027-632-167288	Sequence 167288,	c 825	12	66.7	1021	7	US-10-425-114-16806	Sequence 16806, A
c 753	12	66.7	784	6	US-10-027-632-167288	Sequence 167288,	c 826	12	66.7	1024	5	US-10-097-340-50	Sequence 50, Appl
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C 827	12	66.7	1024	6	US-10-212-677-275	Sequence 275, App	900	12	66.7	1314	3	US-09-925-297-30	Sequence 30, Appl
C 828	12	66.7	1024	6	US-10-361-811-274	Sequence 274, App	901	12	66.7	1314	5	US-10-264-049-15	Sequence 15, Appl
C 829	12	66.7	1024	6	US-10-361-811-275	Sequence 275, App	902	12	66.7	1323	5	US-10-198-846-10366	Sequence 10366, A
C 830	12	66.7	1024	6	US-10-257-021-171	Sequence 171, App	903	12	66.7	1344	3	US-09-984-130-24	Sequence 24, Appl
C 831	12	66.7	1024	6	US-10-369-186-274	Sequence 274, App	904	12	66.7	1344	3	US-09-836-353A-24	Sequence 24, Appl
C 832	12	66.7	1024	6	US-10-369-186-275	Sequence 275, App	905	12	66.7	1344	9	US-10-773-236-142	Sequence 142, App
C 833	12	66.7	1024	10	US-11-050-926-50	Sequence 50, Appl	C 906	12	66.7	1356	5	US-09-875-338-16	Sequence 16, Appl
C 834	12	66.7	1031	3	US-09-925-301-381	Sequence 381, App	C 907	12	66.7	1356	5	US-10-077-023-16	Sequence 16, Appl
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ALIGNMENTS

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RESULT 1
US-08-887-505-38
; Sequence 38, Application US/08887505
; Publication No. US20020081577A1
; GENERAL INFORMATION:
; APPLICANT: Kilkuskie, Robert E.
; APPLICANT: Frank, Bruce L.
; APPLICANT: Goodchild, John
; APPLICANT: Wolfe, Jia L.
; APPLICANT: Roberts, Peter C.
; APPLICANT: Hamlin, Jr., Henry A.
; APPLICANT: Roberts, No. US20020081577A1 A.
; APPLICANT: Walther, Debra M.
; TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR
; NUMBER OF SEQUENCES: 172
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hale and Dorr LLP
; STREET: 60 State Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/887,505
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/471,968
; FILING DATE: 06-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Kerher, Ann-Louise
; REGISTRATION NUMBER: 33,523
; REFERENCE/DOCKET NUMBER: HYZ-040CIP
; TELECOMMUNICATION INFORMATION:

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Sequence 24595, A
Sequence 15801, A
Sequence 348, A
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Sequence 27715, A
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Sequence 20024, A
Sequence 234, App
Sequence 73950, A
Sequence 1837, App
Sequence 60369, A

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; TELEPHONE: (617) 526-6000
; TELEFAX: (617) 526-5000
; INFORMATION FOR SEQ ID NO: 38:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA/RNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
; US-08-887-505-38
Query Match 100.0%; Score 18; DB 2; Length 18;
Best Local Similarity 100.0%; Pred.No. 0.47;
Matches 18; Conservative 0; Mismatches 0; Gaps 0;

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; APPLICANT: Kilkuskie, Robert E.
; APPLICANT: Frank, Bruce L.
; APPLICANT: Goodchild, John
; APPLICANT: Wolfe, Jia L.
; APPLICANT: Roberts, Peter C.
; APPLICANT: Hamlin, Jr., Henry A.
; APPLICANT: Roberts, No. US20020081577A1 A.
; APPLICANT: Walther, Debra M.
; TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR
; NUMBER OF SEQUENCES: 172
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hale and Dorr LLP
; STREET: 60 State Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
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; APPLICATION NUMBER: US/08/887,505
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/471,968
; FILING DATE: 06-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Kerher, Ann-Louise
; REGISTRATION NUMBER: 33,523
; REFERENCE/DOCKET NUMBER: HYZ-040CIP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 526-6000
; TELEFAX: (617) 526-5000
; INFORMATION FOR SEQ ID NO: 67:
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; TOPOLOGY: linear
; MOLECULE TYPE: DNA/RNA
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; ANTI-SENSE: YES

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; APPLICANT: PEDERSEN, Morten Lorentz
; TITLE OF INVENTION: ASSAY AND KIT FOR ANALYZING GENE EXPRESSION
; FILE REFERENCE: PEDERSNA-1A
; CURRENT APPLICATION NUMBER: US/10/053,883
; CURRENT FILING DATE: 2002-01-02
; PRIOR APPLICATION NUMBER: PA 2001 00126
; PRIOR FILING DATE: 2001-01-24
; PRIOR APPLICATION NUMBER: US 60/267,704
; PRIOR FILING DATE: 2001-02-12
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; FEATURE:
; NAME/KEY: misc feature
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; Publication No. US20040253606A1
; GENERAL INFORMATION:
; APPLICANT: Aziz, Natasha
; APPLICANT: Ginsburg, Wendy M.
; APPLICANT: Zlotnik, Albert
; TITLE OF INVENTION: Methods of Diagnosis of Soft Tissue Sarcoma, Compositions &
; FILE REFERENCE: 05882.0193.NPUS01
; CURRENT APPLICATION NUMBER: US/10/723,860
; CURRENT FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: 60/429,739
; PRIOR FILING DATE: 2002-11-26
; NUMBER OF SEQ ID NOS: 8393
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; SEQ ID NO 5790
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US-10-723-860-5790

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; Publication No. US20040253606A1
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; APPLICANT: Aziz, Natasha
; APPLICANT: Ginsburg, Wendy M.
; APPLICANT: Zlotnik, Albert
; TITLE OF INVENTION: Methods of Diagnosis of Soft Tissue Sarcoma, Compositions &
; FILE REFERENCE: 05882.0193.NPUS01
; CURRENT APPLICATION NUMBER: US/10/723,860
; CURRENT FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: 60/429,739
; PRIOR FILING DATE: 2002-11-26
; NUMBER OF SEQ ID NOS: 8393
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US-10-723-860-5700

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Best Local Similarity 92.3%; Pred. No. 2e+02;
Matches 12; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

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; Publication No. US20040253606A1
; GENERAL INFORMATION:
; APPLICANT: Aziz, Natasha
; APPLICANT: Ginsburg, Wendy M.
; APPLICANT: Zlotnik, Albert
; TITLE OF INVENTION: Methods of Diagnosis of Soft Tissue Sarcoma, Compositions &
; FILE REFERENCE: 05882.0193.NPUS01
; CURRENT APPLICATION NUMBER: US/10/723,860
; CURRENT FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: 60/429,739
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; NUMBER OF SEQ ID NOS: 8393
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US-10-723-860-5790

Query Match      72.2%; Score 13; DB 8; Length 3286;
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Db      278 CCTGGAGNNNNN 266

RESULT 8
US-10-723-860-5700/c
; Sequence 5700, Application US/10723860
; Publication No. US20040253606A1
; GENERAL INFORMATION:
; APPLICANT: Aziz, Natasha
; APPLICANT: Ginsburg, Wendy M.
; APPLICANT: Zlotnik, Albert
; TITLE OF INVENTION: Methods of Diagnosis of Soft Tissue Sarcoma, Compositions &
; FILE REFERENCE: 05882.0193.NPUS01
; CURRENT APPLICATION NUMBER: US/10/723,860
; CURRENT FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: 60/429,739
; PRIOR FILING DATE: 2002-11-26
; NUMBER OF SEQ ID NOS: 8393
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 5700
; LENGTH: 3286
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (248)..(271)
; OTHER INFORMATION: n is a, c, g, or t
US-10-723-860-5700

Query Match      72.2%; Score 13; DB 8; Length 5132;
Best Local Similarity 92.3%; Pred. No. 1.1e+02;
Matches 12; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      6 CCUGGAGNNNNN 18
Db      1012 CCTGGAGNNNNN 1000

RESULT 9
US-09-997-722-193/c
; Sequence 193, Application US/09997722
; Publication No. US20040072154A1
; GENERAL INFORMATION:
; APPLICANT: Morris, David
; APPLICANT: Engelhard, Eric
; TITLE OF INVENTION: NOVEL COMPOSITIONS AND METHODS FOR CANCER
; FILE REFERENCE: A-71171/RMS/DCF
; CURRENT APPLICATION NUMBER: US/09/997,722
; CURRENT FILING DATE: 2001-11-30
; PRIOR APPLICATION NUMBER: US 09/747,377
; PRIOR FILING DATE: 2000-12-22
; PRIOR APPLICATION NUMBER: US 09/798,586
; PRIOR FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 301
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 193
; LENGTH: 92726
; TYPE: DNA
; ORGANISM: Mus musculus
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (122)..(148)
; OTHER INFORMATION: "n" at positions 122 through 148 can be any base.
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (3122)..(3263)
; OTHER INFORMATION: "n" at positions 3122 through 3263 can be any base.
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (7485)..(8927)
; OTHER INFORMATION: "n" at positions 7485 through 8927 can be any base.
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (24884)..(25439)
; OTHER INFORMATION: "n" at positions 24884 through 25439 can be any base.
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (36036)..(36055)
; OTHER INFORMATION: "n" at positions 36036 through 36055 can be any base.
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (46607)..(46729)
; OTHER INFORMATION: "n" at positions 46607 through 46729 can be any base.
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (77651)..(77670)
; OTHER INFORMATION: "n" at positions 77651 through 77670 can be any base.
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (81264)..(81462)
; OTHER INFORMATION: "n" at positions 81264 through 81462 can be any base.
; FEATURE:
```



```
; NAME/KEY: misc feature
; LOCATION: (89156)..(89175)
; OTHER INFORMATION: "n" at positions 89156 through 89175 can be any base.
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (90342)..(90361)
; OTHER INFORMATION: "n" at positions 90342 through 90361 can be any base.
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (91379)..(91398)
; OTHER INFORMATION: "n" at positions 91379 through 91398 can be any base.
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (92723)..(92726)
; OTHER INFORMATION: "n" at positions 92723 through 92726 can be any base.
; OTHER INFORMATION: "n" at positions 92723 through 92726 can be any base.
US-09-997-722-193

Query Match          72.2%; Score 13; DB 3; Length 92726;
Best Local Similarity 92.3%; Pred. No. 51;
Matches 12; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      6 CCUGGAGNNNNNN 18
Db      155 CCTGGAGNNNNNN 143

RESULT 10
US-10-087-192-1015
; Sequence 1015, Application US/10087192
; Publication No. US20020182586A1
; GENERAL INFORMATION:
; APPLICANT: Morris, David W.
; APPLICANT: Engelhard, Eric K.
; TITLE OF INVENTION: NOVEL COMPOSITIONS AND METHODS FOR
; FILE REFERENCE: 52945200122
; CURRENT APPLICATION NUMBER: US/10/087,192
; PRIOR FILING DATE: 2002-03-01
; PRIOR APPLICATION NUMBER: US 09/747,377
; PRIOR FILING DATE: 2000-12-22
; PRIOR APPLICATION NUMBER: US 09/798,586
; PRIOR FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 2059
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1015
; LENGTH: 165221
; TYPE: DNA
; ORGANISM: Mus musculus
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)...(165221)
; OTHER INFORMATION: n = A,T,C or G
US-10-087-192-1015

Query Match          72.2%; Score 13; DB 5; Length 165221;
Best Local Similarity 92.3%; Pred. No. 44;
Matches 12; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      6 CCUGGAGNNNNNN 18
Db      59475 CCTGGAGNNNNNN 59487

RESULT 11
US-10-394-948-31
; Sequence 31, Application US/10394948
; Publication No. US20040023267A1
; GENERAL INFORMATION:
; APPLICANT: Morris, David W.
; TITLE OF INVENTION: No. US20040023267A1el Compositions and Methods in Cancer
; FILE REFERENCE: 529452000900
; CURRENT APPLICATION NUMBER: US/10/394,948
; CURRENT FILING DATE: 2003-03-21
```

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; PRIOR APPLICATION NUMBER: US 60/367,025
; PRIOR FILING DATE: 2002-03-21
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 31
; LENGTH: 167163
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)..(167163)
; OTHER INFORMATION: n = A,T,C or G
US-10-394-948-31

Query Match          72.2%; Score 13; DB 7; Length 167163;
Best Local Similarity 92.3%; Pred. No. 44;
Matches 12; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      6 CCUGGAGNNNNNN 18
Db      62041 CCTGGAGNNNNNN 62053

RESULT 12
US-08-887-505-47
; Sequence 47, Application US/08887505
; Publication No. US20020081577A1
; GENERAL INFORMATION:
; APPLICANT: Kilkuekie, Robert E.
; APPLICANT: Frank, Bruce L.
; APPLICANT: Goodchild, John
; APPLICANT: Wolfe, Jia L.
; APPLICANT: Roberts, Peter C.
; APPLICANT: Hamlin, Jr., Henry A.
; APPLICANT: Roberts, No. US20020081577A1 A.
; APPLICANT: Walther, Debra M.
; TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR
; NUMBER OF SEQUENCES: 172
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hale and Dorr LLP
; STREET: 60 State Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/887,505
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/471,968
; FILING DATE: 06-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Kerner, Ann-Louise
; REGISTRATION NUMBER: 33,523
; REFERENCE/DOCKET NUMBER: HYZ-040CIP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 526-6000
; TELEFAX: (617) 526-5000
; INFORMATION FOR SEQ ID NO: 47:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 12 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: RNA
; HYPOTHETICAL: NO
```

```
; ANTI-SENSE: YES
US-08-887-505-47

Query Match          66.7%; Score 12; DB 2; Length 12;
Best Local Similarity 100.0%; Pred. No. 1.9e+03;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
   |||||
Db 1 GGGGUCCUGGAG 12

RESULT 13
US-10-291-230-43/c
; Sequence 43, Application US/10291230
; Publication No. US20030108339A1
; GENERAL INFORMATION:
; APPLICANT: Ruffner, Duane E.
; APPLICANT: Pierce, Michael L.
; APPLICANT: Chen, Zhidong
; TITLE OF INVENTION: Directed Antisense Libraries
; FILE REFERENCE: T6678.US.A
; CURRENT APPLICATION NUMBER: US/10/291,230
; CURRENT FILING DATE: 2002-11-07
; PRIOR APPLICATION NUMBER: US 09/647,344
; PRIOR FILING DATE: 2000-12-04
; PRIOR APPLICATION NUMBER: PCT/US99/06742
; PRIOR FILING DATE: 1999-03-28
; PRIOR APPLICATION NUMBER: US 60/079,792
; PRIOR FILING DATE: 1998-03-28
; PRIOR APPLICATION NUMBER: US 60/107,504
; PRIOR FILING DATE: 1998-11-06
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 43
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: A portion of an antisense library including a BpmI site.
; NAME/KEY: misc_feature
; LOCATION: (1)..(6)
; OTHER INFORMATION: The "n" in the sequence means a or g or c or t.
US-10-291-230-43

Query Match          66.7%; Score 12; DB 5; Length 12;
Best Local Similarity 91.7%; Pred. No. 1.9e+03;
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 7 CUGGAGNNNNN 18
   |:|||||
Db 12 CTGGAGNNNNN 1

RESULT 14
US-10-291-249-43/c
; Sequence 43, Application US/10291249
; Publication No. US20030119041A1
; GENERAL INFORMATION:
; APPLICANT: Ruffner, Duane E.
; APPLICANT: Pierce, Michael L.
; APPLICANT: Chen, Zhidong
; TITLE OF INVENTION: Directed Antisense Libraries
; FILE REFERENCE: T6678.US.B
; CURRENT APPLICATION NUMBER: US/10/291,249
; CURRENT FILING DATE: 2002-11-07
; PRIOR APPLICATION NUMBER: US 09/647,344
; PRIOR FILING DATE: 2000-12-04
; PRIOR APPLICATION NUMBER: PCT/US99/06742
; PRIOR FILING DATE: 1999-03-28
; PRIOR APPLICATION NUMBER: US 60/079,792
; PRIOR FILING DATE: 1998-03-28
; CURRENT APPLICATION NUMBER: US/09/504,231A
; Patent No. US20020013458A1
; GENERAL INFORMATION:
; APPLICANT: Blatt, Lawrence
; APPLICANT: McSwiggen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE
; FILE REFERENCE: IP1 247/282
; CURRENT APPLICATION NUMBER: US/09/504,231A
```

```
; PRIOR APPLICATION NUMBER: US 60/107,504
; PRIOR FILING DATE: 1998-11-06
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: PatentIn version 3.1
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: A portion of an antisense library including a BpmI site.
; NAME/KEY: misc_feature
; LOCATION: (1)..(6)
; OTHER INFORMATION: The "n" in the sequence means a or g or c or t.
US-10-291-249-43

Query Match          66.7%; Score 12; DB 6; Length 12;
Best Local Similarity 91.7%; Pred. No. 1.9e+03;
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 7 CUGGAGNNNNN 18
   |:|||||
Db 12 CTGGAGNNNNN 1

RESULT 15
US-10-322-138-5/c
; Sequence 5, Application US/10322138
; Publication No. US20030175765A1
; GENERAL INFORMATION:
; APPLICANT: Kessler, Christoph
; APPLICANT: Haberhausen, Gerd
; APPLICANT: Bartl, Knut
; APPLICANT: Orum, Henrik
; TITLE OF INVENTION: SPECIFIC AND SENSITIVE METHOD FOR DETECTING NUCLEIC ACIDS
; FILE REFERENCE: 4817/OO
; CURRENT APPLICATION NUMBER: US/10/322,138
; CURRENT FILING DATE: 2002-12-17
; PRIOR APPLICATION NUMBER: US/09/530,746B
; PRIOR FILING DATE: 2000-11-16
; NUMBER OF SEQ ID NOS: 95
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: probe
US-10-322-138-5

Query Match          66.7%; Score 12; DB 6; Length 12;
Best Local Similarity 83.3%; Pred. No. 1.9e+03;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
   |||||
Db 12 GGGGTCTGGAG 1

RESULT 16
US-09-504-231A-1587/c
; Sequence 1587, Application US/09504231A
; Patent No. US20020013458A1
; GENERAL INFORMATION:
; APPLICANT: Blatt, Lawrence
; APPLICANT: McSwiggen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE
; FILE REFERENCE: IP1 247/282
; CURRENT APPLICATION NUMBER: US/09/504,231A
```

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; CURRENT FILING DATE: 2000-02-15
; PRIOR APPLICATION NUMBER: 09/274,553
; PRIOR FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/257,608
; PRIOR FILING DATE: 1999-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/083,217
; PRIOR FILING DATE: 1998-04-27
; NUMBER OF SEQ ID NOS: 3242
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1587
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-504-231A-1587

Query Match          66.7%; Score 12; DB 3; Length 15;
Best Local Similarity 83.3%; Pred. No. 1.8e+03;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
   ||||:||||
Db 15 GGGGTCCTGGAG 4

RESULT 17
US-09-274-553D-1587/c
; Sequence 1587, Application US/09274553D
; Patent No. US20020082228A1
; GENERAL INFORMATION:
; APPLICANT: Blatt, Lawrence
; APPLICANT: McSwiggen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE
; FILE REFERENCE: rpi 247/282
; CURRENT APPLICATION NUMBER: US/09/274,553D
; CURRENT FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/257,608
; PRIOR FILING DATE: 1999-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/083,217
; PRIOR FILING DATE: 1998-04-27
; NUMBER OF SEQ ID NOS: 3148
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1587
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-274-553D-1587

Query Match          66.7%; Score 12; DB 3; Length 15;
Best Local Similarity 83.3%; Pred. No. 1.8e+03;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
   ||||:||||
Db 15 GGGGTCCTGGAG 4

RESULT 18
US-09-740-332-26/c
; Sequence 26, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; FILE REFERENCE: Hepatitis C Virus Infection
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 26
```

```
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; FILE REFERENCE: Hepatitis C Virus Infection
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 26
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-26

Query Match          66.7%; Score 12; DB 3; Length 17;
Best Local Similarity 83.3%; Pred. No. 1.8e+03;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
   ||||:||||
Db 13 GGGGTCCTGGAG 2

RESULT 19
US-09-740-332-4529
; Sequence 4529, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; FILE REFERENCE: Hepatitis C Virus Infection
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4529
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-4529

Query Match          66.7%; Score 12; DB 3; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.8e+03;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
   ||||:||||
Db 6 GGGGUCCUGGAG 17

RESULT 20
US-09-817-879-26/c
; Sequence 26, Application US/09817879
; Publication No. US20030171311A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; FILE REFERENCE: Hepatitis C Virus Infection
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 26
```

;
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-26

Query Match 66.7%; Score 12; DB 3; Length 17;
Best Local Similarity 83.3%; Pred. No. 1.8e+03;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
Db 13 GGGGTCCTGGAG 2
||||:|||||

RESULT 21
US-09-817-879-4529
; Sequence 4529, Application US/09817879
; Publication No. US20030171311A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
; FILE REFERENCE: MBH00-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4529
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-4529

Query Match 66.7%; Score 12; DB 3; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.8e+03;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
Db 6 GGGGUCCUGGAG 17
||||:|||||

RESULT 22
US-10-298-255-4/c
; Sequence 4, Application US/10298255
; Publication No. US20030134312A1
; GENERAL INFORMATION:
; APPLICANT: BURGOYNE, LEIGH A.
; TITLE OF INVENTION: METHODS AND MATERIALS FOR DETECTING GENETIC MATERIAL
; FILE REFERENCE: 45858-56064
; CURRENT APPLICATION NUMBER: US/10/298,255
; CURRENT FILING DATE: 2002-11-15
; PRIOR APPLICATION NUMBER: 60/336,005
; PRIOR FILING DATE: 2001-11-15
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-298-255-4

Query Match 66.7%; Score 12; DB 6; Length 17;

Best Local Similarity 83.3%; Pred. No. 1.8e+03;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;
Qy 1 GGGGUCCUGGAG 12
Db 16 GGGGTCCTGGAG 5
||||:|||||

RESULT 23
US-10-669-841-2619/c
; Sequence 2619, Application US/10669841
; Publication No. US20040127446A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Lawrence, Blatt
; APPLICANT: Dennis, Macejak
; APPLICANT: James, McSwiggen
; APPLICANT: David, Morrissey
; APPLICANT: Pamela, Pavco
; APPLICANT: Patrice, Lee
; APPLICANT: Kenneth, Draper
; APPLICANT: Elisabeth, Roberts
; TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED INHIBITION OF HEPATITIS B VIRUS AND HEPATITIS C VIRUS
; TITLE OF INVENTION: VIRUS REPLICATION
; FILE REFERENCE: 400/042US (MEH02-249-E)
; CURRENT APPLICATION NUMBER: US/10/669,841
; CURRENT FILING DATE: 2003-09-23
; PRIOR APPLICATION NUMBER: PCT/US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: US 60/335,059
; PRIOR FILING DATE: 2001-10-24
; PRIOR APPLICATION NUMBER: US 60/337,055
; PRIOR FILING DATE: 2001-12-05
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 09/817,879
; PRIOR FILING DATE: 2001-03-26
; PRIOR APPLICATION NUMBER: US 09/740,332
; PRIOR FILING DATE: 2000-12-18
; PRIOR APPLICATION NUMBER: US 09/611,931
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: US 09/504,321
; PRIOR FILING DATE: 2000-02-15
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 16207
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2619
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-10-669-841-2619

Query Match 66.7%; Score 12; DB 7; Length 17;
Best Local Similarity 83.3%; Pred. No. 1.8e+03;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
Db 13 GGGGTCCTGGAG 2
||||:|||||

RESULT 24
US-10-669-841-7122

; Sequence 7122, Application US/10669841
; Publication No. US20040127446A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Lawrence, Blatt
; APPLICANT: Dennis, Maccjak
; APPLICANT: James, McSwiggen
; APPLICANT: David, Morrissey
; APPLICANT: Pamela, Pavco
; APPLICANT: Patricia, Lee
; APPLICANT: Kenneth, Draper
; APPLICANT: Elisabeth, Roberts
; TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED INHIBITION OF HEPATITIS B VIRUS AND HEP
; FILE REFERENCE: 400/042US (MEHB02-249-E)
; CURRENT FILING DATE: 2003-09-23
; PRIOR FILING DATE: 2002-03-26
; PRIOR FILING DATE: 2002-03-26
; PRIOR FILING DATE: 2001-06-08
; PRIOR FILING DATE: 2001-10-24
; PRIOR FILING DATE: 2001-12-05
; PRIOR FILING DATE: 2002-02-20
; PRIOR FILING DATE: 2002-03-11
; PRIOR FILING DATE: 2001-03-26
; PRIOR FILING DATE: 2000-12-18
; PRIOR FILING DATE: 2000-07-07
; PRIOR FILING DATE: 2000-02-15
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 16207
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 7122
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-10-669-841-7122

Query Match 66.7%; Score 12; DB 7; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.8e+03;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
Db 6 GGGGUCCUGGAG 17
|||||:|||||
6 GGGGUCCUGGAG 17

RESULT 25
US-11-016-291-4/c
; Sequence 4, Application US/11016291
; Publication No. US20050095641A1
; GENERAL INFORMATION:
; APPLICANT: BURGONE, LEIGH A.
; TITLE OF INVENTION: METHODS AND MATERIALS FOR DETECTING GENETIC MATERIAL
; FILE REFERENCE: 45858-56064
; CURRENT APPLICATION NUMBER: US/11/016,291
; CURRENT FILING DATE: 2004-12-17
; PRIOR APPLICATION NUMBER: 60/336,005
; PRIOR FILING DATE: 2001-11-15

; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-11-016-291-4

Query Match 66.7%; Score 12; DB 10; Length 17;
Best Local Similarity 83.3%; Pred. No. 1.8e+03;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
Db 16 GGGGUCCUGGAG 5
|||||:|||||
16 GGGGUCCUGGAG 5

RESULT 26
US-08-887-505-39
; Sequence 39, Application US/08887505
; Publication No. US20020081577A1
; GENERAL INFORMATION:
; APPLICANT: Kilkuekie, Robert E.
; APPLICANT: Frank, Bruce L.
; APPLICANT: Goodchild, John
; APPLICANT: Wolfe, Jia L.
; APPLICANT: Roberts, Peter C.
; APPLICANT: Hamlin, Jr., Henry A.
; APPLICANT: Roberts, No. US20020081577A1 A.
; APPLICANT: Walther, Debra M.
; TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR
; NUMBER OF SEQUENCES: 172
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hale and Dorr LLP
; STREET: 60 State Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/887,505
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/471,968
; FILING DATE: 06-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Kerner, Ann-Louise
; REGISTRATION NUMBER: 33,523
; REFERENCE/DOCKET NUMBER: HYZ-040CIP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 526-6000
; TELEFAX: (617) 526-5000
; INFORMATION FOR SEQ ID NO: 39:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA/RNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
US-08-887-505-39

Query Match 66.7%; Score 12; DB 2; Length 18;

Best Local Similarity 100.0%; Pred. No. 1.8e+03;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
|||||
Db 1 GGGGUCCUGGAG 12

RESULT 27

US-08-887-505-40
; Sequence 40, Application US/08887505
; Publication No. US20020081577A1
; GENERAL INFORMATION:
; APPLICANT: Kilkuskie, Robert E.
; APPLICANT: Frank, Bruce L.
; APPLICANT: Goodchild, John
; APPLICANT: Wolfe, Jia L.
; APPLICANT: Roberts, Peter C.
; APPLICANT: Hamlin, Jr., Henry A.
; APPLICANT: Roberts, No. US20020081577A1 A.
; APPLICANT: Walther, Debra M.
; TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR
; TITLE OF INVENTION: HEPATITIS C VIRUS
; NUMBER OF SEQUENCES: 172
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hale and Dorr LLP
; STREET: 60 State Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109

COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/887,505
; FILING DATE:

CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/471,968
; FILING DATE: 06-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Kerner, Ann-Louise
; REGISTRATION NUMBER: 33,523
; REFERENCE/DOCKET NUMBER: HYZ-040CIP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 526-6000
; TELEFAX: (617) 526-5000

INFORMATION FOR SEQ ID NO: 40:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA/RNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES

US-08-887-505-40

Query Match 66.7%; Score 12; DB 2; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.8e+03;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
|||||
Db 7 GGGGUCCUGGAG 18

RESULT 28

US-08-887-505-41
; Sequence 41, Application US/08887505

Publication No. US20020081577A1
; GENERAL INFORMATION:
; APPLICANT: Kilkuskie, Robert E.
; APPLICANT: Frank, Bruce L.
; APPLICANT: Goodchild, John
; APPLICANT: Wolfe, Jia L.
; APPLICANT: Roberts, Peter C.
; APPLICANT: Hamlin, Jr., Henry A.
; APPLICANT: Roberts, No. US20020081577A1 A.
; APPLICANT: Walther, Debra M.
; TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR
; TITLE OF INVENTION: HEPATITIS C VIRUS
; NUMBER OF SEQUENCES: 172
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hale and Dorr LLP
; STREET: 60 State Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109

COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/887,505
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/471,968
; FILING DATE: 06-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Kerner, Ann-Louise
; REGISTRATION NUMBER: 33,523
; REFERENCE/DOCKET NUMBER: HYZ-040CIP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 526-6000
; TELEFAX: (617) 526-5000

INFORMATION FOR SEQ ID NO: 41:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA/RNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
US-08-887-505-41

Query Match 66.7%; Score 12; DB 2; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.8e+03;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
|||||
Db 1 GGGGUCCUGGAG 12

RESULT 29

US-08-887-505-42
; Sequence 42, Application US/08887505
; Publication No. US20020081577A1
; GENERAL INFORMATION:

; APPLICANT: Kilkuskie, Robert E.
; APPLICANT: Frank, Bruce L.
; APPLICANT: Goodchild, John
; APPLICANT: Wolfe, Jia L.
; APPLICANT: Roberts, Peter C.
; APPLICANT: Hamlin, Jr., Henry A.
; APPLICANT: Roberts, No. US20020081577A1 A.
; APPLICANT: Walther, Debra M.
; TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR

; NAME: Kerner, Ann-Louise
; REGISTRATION NUMBER: 33,523
; REFERENCE/DOCKET NUMBER: HYZ-040CIP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 526-6000
; TELEFAX: (617) 526-5000
; INFORMATION FOR SEQ ID NO: 44:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA/RNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
US-08-887-505-44

Query Match 66.7%; Score 12; DB 2; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.8e+03;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
Db 7 GGGGUCCUGGAG 18
|||||

RESULT 32
US-08-887-505-45
; Sequence 45, Application US/08887505
; Publication No. US20020081577A1
; GENERAL INFORMATION:
; APPLICANT: Kilkuskie, Robert E.
; APPLICANT: Frank, Bruce L.
; APPLICANT: Goodchild, John
; APPLICANT: Wolfe, Jia L.
; APPLICANT: Roberts, Peter C.
; APPLICANT: Hamlin, Jr., Henry A.
; APPLICANT: Roberts, No. US20020081577A1 A.
; TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR
; TITLE OF INVENTION: HEPATITIS C VIRUS
; NUMBER OF SEQUENCES: 172
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hale and Dorr LLP
; STREET: 60 State Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/887,505
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/471,968
; FILING DATE: 06-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Kerner, Ann-Louise
; REGISTRATION NUMBER: 33,523
; REFERENCE/DOCKET NUMBER: HYZ-040CIP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 526-6000
; TELEFAX: (617) 526-5000
; INFORMATION FOR SEQ ID NO: 45:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single

; TOPOLOGY: linear
; MOLECULE TYPE: DNA/RNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
US-08-887-505-45

Query Match 66.7%; Score 12; DB 2; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.8e+03;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
Db 1 GGGGUCCUGGAG 12
|||||

RESULT 33
US-08-887-505-46
; Sequence 46, Application US/08887505
; Publication No. US20020081577A1
; GENERAL INFORMATION:
; APPLICANT: Kilkuskie, Robert E.
; APPLICANT: Frank, Bruce L.
; APPLICANT: Goodchild, John
; APPLICANT: Wolfe, Jia L.
; APPLICANT: Roberts, Peter C.
; APPLICANT: Hamlin, Jr., Henry A.
; APPLICANT: Roberts, No. US20020081577A1 A.
; APPLICANT: Walther, Debra M.
; TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR
; TITLE OF INVENTION: HEPATITIS C VIRUS
; NUMBER OF SEQUENCES: 172
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hale and Dorr LLP
; STREET: 60 State Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/887,505
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/471,968
; FILING DATE: 06-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Kerner, Ann-Louise
; REGISTRATION NUMBER: 33,523
; REFERENCE/DOCKET NUMBER: HYZ-040CIP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 526-6000
; TELEFAX: (617) 526-5000
; INFORMATION FOR SEQ ID NO: 46:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA/RNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
US-08-887-505-46

Query Match 66.7%; Score 12; DB 2; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.8e+03;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12


```
Db      7 GGGGUCCUGAG 18
|||||
RESULT 34
US-08-887-505-49
; Sequence 49, Application US/08887505
; Publication No. US20020081577A1
; GENERAL INFORMATION:
; APPLICANT: Kilkuskie, Robert E.
; APPLICANT: Frank, Bruce L.
; APPLICANT: Goodchild, John
; APPLICANT: Wolfe, Jia L.
; APPLICANT: Roberts, Peter C.
; APPLICANT: Hamlin, Jr., Henry A.
; APPLICANT: Roberts, No. US20020081577A1 A.
; TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR
; NUMBER OF SEQUENCES: 172
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hale and Dorr LLP
; STREET: 60 State Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/887,505
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/471,968
; FILING DATE: 06-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Kerner, Ann-Louise
; REGISTRATION NUMBER: 33,523
; REFERENCE/DOCKET NUMBER: HYZ-040CIP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 526-6000
; TELEFAX: (617) 526-5000
; INFORMATION FOR SEQ ID NO: 49:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA/RNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
US-08-887-505-49
Query Match      66.7%; Score 12; DB 2; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.8e+03;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 GGGGUCCUGAG 12
|||||
Db      1 GGGGUCCUGAG 12
|||||
RESULT 35
US-08-887-505-50
; Sequence 50, Application US/08887505
; Publication No. US20020081577A1
; GENERAL INFORMATION:
; APPLICANT: Kilkuskie, Robert E.
; APPLICANT: Frank, Bruce L.
; APPLICANT: Goodchild, John
; APPLICANT: Wolfe, Jia L.
; APPLICANT: Roberts, Peter C.
; APPLICANT: Hamlin, Jr., Henry A.
; APPLICANT: Roberts, No. US20020081577A1 A.
; TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR
; NUMBER OF SEQUENCES: 172
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hale and Dorr LLP
; STREET: 60 State Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/887,505
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/471,968
; FILING DATE: 06-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Kerner, Ann-Louise
; REGISTRATION NUMBER: 33,523
; REFERENCE/DOCKET NUMBER: HYZ-040CIP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 526-6000
; TELEFAX: (617) 526-5000
; INFORMATION FOR SEQ ID NO: 49:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA/RNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
US-08-887-505-50
Query Match      66.7%; Score 12; DB 2; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.8e+03;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 GGGGUCCUGAG 12
|||||
Db      1 GGGGUCCUGAG 12
|||||
RESULT 36
US-08-887-505-51
; Sequence 51, Application US/08887505
; Publication No. US20020081577A1
; GENERAL INFORMATION:
; APPLICANT: Kilkuskie, Robert E.
; APPLICANT: Frank, Bruce L.
; APPLICANT: Goodchild, John
; APPLICANT: Wolfe, Jia L.
; APPLICANT: Roberts, Peter C.
; APPLICANT: Hamlin, Jr., Henry A.
; APPLICANT: Roberts, No. US20020081577A1 A.
; TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR
; NUMBER OF SEQUENCES: 172
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hale and Dorr LLP
; STREET: 60 State Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/887,505
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/471,968
; FILING DATE: 06-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Kerner, Ann-Louise
; REGISTRATION NUMBER: 33,523
; REFERENCE/DOCKET NUMBER: HYZ-040CIP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 526-6000
; TELEFAX: (617) 526-5000
; INFORMATION FOR SEQ ID NO: 50:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA/RNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
US-08-887-505-50
Query Match      66.7%; Score 12; DB 2; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.8e+03;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 GGGGUCCUGAG 12
|||||
Db      7 GGGGUCCUGAG 18
|||||
RESULT 36
US-08-887-505-51
; Sequence 51, Application US/08887505
; Publication No. US20020081577A1
; GENERAL INFORMATION:
; APPLICANT: Kilkuskie, Robert E.
; APPLICANT: Frank, Bruce L.
; APPLICANT: Goodchild, John
; APPLICANT: Wolfe, Jia L.
; APPLICANT: Roberts, Peter C.
; APPLICANT: Hamlin, Jr., Henry A.
; APPLICANT: Roberts, No. US20020081577A1 A.
; TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR
; NUMBER OF SEQUENCES: 172
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hale and Dorr LLP
; STREET: 60 State Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/887,505
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/471,968
; FILING DATE: 06-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Kerner, Ann-Louise
; REGISTRATION NUMBER: 33,523
; REFERENCE/DOCKET NUMBER: HYZ-040CIP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 526-6000
; TELEFAX: (617) 526-5000
; INFORMATION FOR SEQ ID NO: 50:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA/RNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
US-08-887-505-50
Query Match      66.7%; Score 12; DB 2; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.8e+03;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 GGGGUCCUGAG 12
|||||
Db      7 GGGGUCCUGAG 18
|||||
```

STREET: 60 State Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/887,505
FILING DATE:
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/471,968
FILING DATE: 06-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: HYZ-040CIP
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 526-6000
TELEFAX: (617) 526-5000
INFORMATION FOR SEQ ID NO: 51:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA/RNA
HYPOTHETICAL: NO
ANTI-SENSE: YES
US-08-887-505-51

Query Match 66.7%; Score 12; DB 2; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.8e+03;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
|||||

Db 1 GGGGUCCUGGAG 12

RESULT 37
US-08-887-505-52
Sequence 52, Application US/08887505
Publication No. US20020081577A1
GENERAL INFORMATION:
APPLICANT: Kilkuskie, Robert E.
APPLICANT: Frank, Bruce L.
APPLICANT: Goodchild, John
APPLICANT: Wolfe, Jia L.
APPLICANT: Roberts, Peter C.
APPLICANT: Hamlin, Jr., Henry A.
APPLICANT: Roberts, No. US20020081577A1 A.
TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR
NUMBER OF SEQUENCES: 172
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hale and Dorr LLP
STREET: 60 State Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/887,505
FILING DATE:
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/471,968
FILING DATE: 06-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: HYZ-040CIP
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 526-6000
TELEFAX: (617) 526-5000
INFORMATION FOR SEQ ID NO: 52:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
HYPOTHETICAL: NO
ANTI-SENSE: YES
US-08-887-505-52

Query Match 66.7%; Score 12; DB 2; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.8e+03;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
|||||

Db 7 GGGGTCTCTGGAG 18

RESULT 38
US-08-887-505-53
Sequence 53, Application US/08887505
Publication No. US20020081577A1
GENERAL INFORMATION:
APPLICANT: Kilkuskie, Robert E.
APPLICANT: Frank, Bruce L.
APPLICANT: Goodchild, John
APPLICANT: Wolfe, Jia L.
APPLICANT: Roberts, Peter C.
APPLICANT: Hamlin, Jr., Henry A.
APPLICANT: Roberts, No. US20020081577A1 A.
TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR
NUMBER OF SEQUENCES: 172
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hale and Dorr LLP
STREET: 60 State Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/887,505
FILING DATE:
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/471,968
FILING DATE: 06-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: HYZ-040CIP
TELECOMMUNICATION INFORMATION:

TELEPHONE: (617) 526-6000
TELEFAX: (617) 526-5000
INFORMATION FOR SEQ ID NO: 53:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA/RNA
HYPOTHETICAL: NO
ANTI-SENSE: YES
US-08-887-505-53

Query Match 66.7%; Score 12; DB 2; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.8e+03;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
|||||
DB 1 GGGGUCCUGGAG 12

RESULT 39

US-08-887-505-54
Sequence 54, Application US/08887505
Publication No. US20020081577A1
GENERAL INFORMATION:

APPLICANT: Kilkuskie, Robert E.
APPLICANT: Frank, Bruce L.
APPLICANT: Goodchild, John
APPLICANT: Wolfe, Jia L.
APPLICANT: Roberts, Peter C.
APPLICANT: Hamlin, Jr., Henry A.
APPLICANT: Roberts, No. US20020081577A1 A.
APPLICANT: Walther, Debra M.
TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR
TITLE OF INVENTION: HEPATITIS C VIRUS
NUMBER OF SEQUENCES: 172
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hale and Dorr LLP
STREET: 60 State Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02109

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/887,505
FILING DATE:

CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/471,968
FILING DATE: 06-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: HYZ-040CIP
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 526-6000
TELEFAX: (617) 526-5000
INFORMATION FOR SEQ ID NO: 54:

SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA/RNA
HYPOTHETICAL: NO
ANTI-SENSE: YES

US-08-887-505-54

Query Match 66.7%; Score 12; DB 2; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.8e+03;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
|||||
DB 7 GGGGUCCUGGAG 18

RESULT 40

US-08-887-505-141
Sequence 141, Application US/08887505
Publication No. US20020081577A1
GENERAL INFORMATION:

APPLICANT: Kilkuskie, Robert E.
APPLICANT: Frank, Bruce L.
APPLICANT: Goodchild, John
APPLICANT: Wolfe, Jia L.
APPLICANT: Roberts, Peter C.
APPLICANT: Hamlin, Jr., Henry A.
APPLICANT: Roberts, No. US20020081577A1 A.
APPLICANT: Walther, Debra M.
TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR
TITLE OF INVENTION: HEPATITIS C VIRUS
NUMBER OF SEQUENCES: 172
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hale and Dorr LLP
STREET: 60 State Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02109

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/887,505
FILING DATE:

CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/471,968
FILING DATE: 06-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: HYZ-040CIP
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 526-6000
TELEFAX: (617) 526-5000

INFORMATION FOR SEQ ID NO: 141:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA/RNA
HYPOTHETICAL: NO
ANTI-SENSE: YES
US-08-887-505-141

Query Match 66.7%; Score 12; DB 2; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.8e+03;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
|||||
DB 7 GGGGUCCUGGAG 18

RESULT 41

US-08-887-505-142
; Sequence 142, Application US/08887505
; Publication No. US20020081577A1
; GENERAL INFORMATION:
; APPLICANT: Kilkuskie, Robert E.
; APPLICANT: Frank, Bruce L.
; APPLICANT: Goodchild, John
; APPLICANT: Wolfe, Jia L.
; APPLICANT: Roberts, Peter C.
; APPLICANT: Hamlin, Jr., Henry A.
; APPLICANT: Roberts, No. US20020081577A1 A.
; APPLICANT: Walther, Debra M.
; TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR
; NUMBER OF SEQUENCES: 172
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hale and Dorr LLP
; STREET: 60 State Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION NUMBER: US/08/887,505
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/471,968
; FILING DATE: 06-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Kerner, Ann-Louise
; REGISTRATION NUMBER: 33,523
; REFERENCE/DOCKET NUMBER: HYZ-040CIP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 526-6000
; TELEFAX: (617) 526-5000
; INFORMATION FOR SEQ ID NO: 142:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA/RNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
US-08-887-505-142

Query Match 66.7%; Score 12; DB 2; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.8e+03;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
|||
Db 7 GGGGUCCUGGAG 18

RESULT 42

US-08-887-505-143
; Sequence 143, Application US/08887505
; Publication No. US20020081577A1
; GENERAL INFORMATION:
; APPLICANT: Kilkuskie, Robert E.
; APPLICANT: Frank, Bruce L.
; APPLICANT: Goodchild, John
; APPLICANT: Wolfe, Jia L.
; APPLICANT: Roberts, Peter C.
; APPLICANT: Hamlin, Jr., Henry A.

; APPLICANT: Roberts, No. US20020081577A1 A.
; APPLICANT: Walther, Debra M.
; TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR
; NUMBER OF SEQUENCES: 172
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hale and Dorr LLP
; STREET: 60 State Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/887,505
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/471,968
; FILING DATE: 06-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Kerner, Ann-Louise
; REGISTRATION NUMBER: 33,523
; REFERENCE/DOCKET NUMBER: HYZ-040CIP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 526-6000
; TELEFAX: (617) 526-5000
; INFORMATION FOR SEQ ID NO: 143:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA/RNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
US-08-887-505-143

Query Match 66.7%; Score 12; DB 2; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.8e+03;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
|||
Db 7 GGGGUCCUGGAG 18

RESULT 43

US-08-887-505-144
; Sequence 144, Application US/08887505
; Publication No. US20020081577A1
; GENERAL INFORMATION:
; APPLICANT: Kilkuskie, Robert E.
; APPLICANT: Frank, Bruce L.
; APPLICANT: Goodchild, John
; APPLICANT: Wolfe, Jia L.
; APPLICANT: Roberts, Peter C.
; APPLICANT: Hamlin, Jr., Henry A.
; APPLICANT: Roberts, No. US20020081577A1 A.
; APPLICANT: Walther, Debra M.
; TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR
; NUMBER OF SEQUENCES: 172
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hale and Dorr LLP
; STREET: 60 State Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA

US-08-887-505-144
; Sequence 144, Application US/08887505
; Publication No. US20020081577A1
; GENERAL INFORMATION:
; APPLICANT: Kilkuskie, Robert E.
; APPLICANT: Frank, Bruce L.
; APPLICANT: Goodchild, John
; APPLICANT: Wolfe, Jia L.
; APPLICANT: Roberts, Peter C.
; APPLICANT: Hamlin, Jr., Henry A.
; APPLICANT: Roberts, No. US20020081577A1 A.
; APPLICANT: Walther, Debra M.
; TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR
; NUMBER OF SEQUENCES: 172
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hale and Dorr LLP
; STREET: 60 State Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA

ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/887,505
FILING DATE:
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/471,968
FILING DATE: 06-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: HY2-040CIP
TELEPHONE: (617) 526-6000
TELEFAX: (617) 526-5000
INFORMATION FOR SEQ ID NO: 144:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA/RNA
HYPOTHETICAL: NO
ANTI-SENSE: YES
US-08-887-505-144

Query Match 66.7%; Score 12; DB 2; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.8e+03;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
|||||
Db 7 GGGGUCCUGGAG 18

RESULT 44
US-08-887-505-145
Sequence 145, Application US/08887505
Publication No. US20020081577A1
GENERAL INFORMATION:
APPLICANT: Kilkuskie, Robert E.
APPLICANT: Frank, Bruce L.
APPLICANT: Goodchild, John
APPLICANT: Wolfe, Jia L.
APPLICANT: Roberts, Peter C.
APPLICANT: Hamlin, Jr., Henry A.
APPLICANT: Roberts, No. US20020081577A1 A.
TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR
NUMBER OF SEQUENCES: 172
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hale and Dorr LLP
STREET: 60 State Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/887,505
FILING DATE:
CLASSIFICATION: 514
PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/471,968
FILING DATE: 06-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: HY2-040CIP
TELEPHONE: (617) 526-6000
TELEFAX: (617) 526-5000
INFORMATION FOR SEQ ID NO: 145:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA/RNA
HYPOTHETICAL: NO
ANTI-SENSE: YES
US-08-887-505-145

Query Match 66.7%; Score 12; DB 2; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.8e+03;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
|||||
Db 1 GGGGUCCUGGAG 12

RESULT 45
US-08-887-505-146
Sequence 146, Application US/08887505
Publication No. US20020081577A1
GENERAL INFORMATION:
APPLICANT: Kilkuskie, Robert E.
APPLICANT: Frank, Bruce L.
APPLICANT: Goodchild, John
APPLICANT: Wolfe, Jia L.
APPLICANT: Roberts, Peter C.
APPLICANT: Hamlin, Jr., Henry A.
APPLICANT: Roberts, No. US20020081577A1 A.
TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR
NUMBER OF SEQUENCES: 172
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hale and Dorr LLP
STREET: 60 State Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/887,505
FILING DATE:
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/471,968
FILING DATE: 06-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: HY2-040CIP
TELEPHONE: (617) 526-6000
TELEFAX: (617) 526-5000
INFORMATION FOR SEQ ID NO: 146:
SEQUENCE CHARACTERISTICS:

```

; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA/RNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
US-08-887-505-146

```

Query Match 66.7%; Score 12; DB 2; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.8e+03;
Matches 12; Conservative 0; Mismatches 0; Indels

Qy 1 GGGGUCCUGGAG 12
|||
Db 1 GGGGUCCUGGAG 12

RESULT 46
US-08-887-505-147
; Sequence 147, Application US/08887505
; Publication NO. US20020081577A1
; GENERAL INFORMATION:
; APPLICANT: Kilkuskie, Robert E.
; APPLICANT: Frank, Bruce L.
; APPLICANT: Goodchild, John
; APPLICANT: Wolfe, Jia L.
; APPLICANT: Roberts, Peter C.
; APPLICANT: Hamlin, Jr., Henry A.
; APPLICANT: Roberts, No. US20020081577A1 A.
; APPLICANT: Walther, Debra M.
; TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR
; TITLE OF INVENTION: HEPATITIS C VIRUS

Query Match 66.7%; Score 12; DB 2; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.8e+03;

	Matches	12;	Conservative	0;	Mismatches	0;	Indels	0;	Gaps	0;
Qy	1	GGGGUCCUGGAG	12							
Db	1	GGGGUCCUGGAG	12							

```

RESULT 47
US-09-782-361-14
; Sequence 14, Application US/09782361
; Patent No. US20020064778A1
; GENERAL INFORMATION:
; APPLICANT: Hu, Yu-Wen
; TITLE OF INVENTION: PRIMER-SPECIFIC AND
; TITLE OF INVENTION: VARIATION
; FILE REFERENCE: 2883-4757US
; CURRENT APPLICATION NUMBER: US/09/782,361
; CURRENT FILING DATE: 2001-02-13
; NUMBER OF SEQ ID NOS: 49
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 14
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: primer for PSMEA
US-09-782-361-14

```

Query Match	66.
Best Local Similarity	83.
Matches	10; Conservative
Qy	1 GSGGUCCUGGAG 12
	:
Db	2 GGCTCTTGAG 13

```

RESULT 48
US-10-461-790-121/c
; Sequence 121, Application US/10461790
; Publication No. US20040029111a1
; GENERAL INFORMATION:
; APPLICANT: Linnen, Jeffery M.
; APPLICANT: Kolck, Daniel P.
; APPLICANT: Dockter, Janel M.
; APPLICANT: Getman, Damon K.
; APPLICANT: Yoshimura, Tadaashi
; APPLICANT: Ho-Sing-Loy, Marcy
; APPLICANT: Stringfellow, Leslie A.
; TITLE OF INVENTION: Compositions and Methods for Detecting
; TITLE OF INVENTION: Hepatitis B Virus
; FILE REFERENCE: GPI34-02.UT
; CURRENT APPLICATION NUMBER: US/10/461,790
; CURRENT FILING DATE: 2003-06-13
; PRIOR APPLICATION NUMBER: 60/389,393
; PRIOR FILING DATE: 2002-06-14
; NUMBER OF SEQ ID NOS: 142
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 121
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Hepatitis C Virus
US-10-461-790-121

```

```

Query Match      66.
Best Local Similarity 83.
Matches 10; Conservative
QY 1 GGGGUCCUGGAG 12
Db 15 GGAGTCCTGAG 4

```

```
RESULT 49
US-10-667-271-466/c
; Sequence 466, Application US/10667271
; Publication No. US20040209831A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics
; APPLICANT: McSwiggen, James
; APPLICANT: Macejak, Dennis
; APPLICANT: Beigelman, Leonid
; APPLICANT: Morrissey, David
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis C Virus (HCV)
; FILE REFERENCE: 400/129 (MEHB02-763B)
; CURRENT FILING DATE: 2003-09-16
; PRIOR APPLICATION NUMBER: US/10/667,271
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT / US03/05043
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT / US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: USSN 60/401,104
; PRIOR FILING DATE: 2002-08-05
; PRIOR APPLICATION NUMBER: USSN 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: USSN 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: USSN 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: USSN 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: USSN 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: USSN 60/409,293
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1705
; SOFTWARE: Patent in version 3.2
; SEQ ID NO 466
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense re
US-10-667-271-466

Query Match 66.7%; Score 12; DB 8; Length 19;
Best Local Similarity 83.3%; Pred. No. 1.7e+03;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
   |||||:||||
Db 13 GGGGTCCTGGAG 2

RESULT 50
US-10-667-271-467/c
; Sequence 467, Application US/10667271
; Publication No. US20040209831A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics
; APPLICANT: McSwiggen, James
; APPLICANT: Macejak, Dennis
; APPLICANT: Beigelman, Leonid
; APPLICANT: Morrissey, David
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis C Virus (HCV)
; FILE REFERENCE: 400/129 (MEHB02-763B)
; CURRENT FILING DATE: 2003-09-16
; PRIOR APPLICATION NUMBER: US/10/667,271
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT / US03/05043
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1705
; SOFTWARE: Patent in version 3.2
; SEQ ID NO 466
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense re
US-10-667-271-466

Query Match 66.7%; Score 12; DB 8; Length 19;
Best Local Similarity 83.3%; Pred. No. 1.7e+03;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
   |||||:||||
Db 13 GGGGTCCTGGAG 2

RESULT 51
US-10-667-271-498/c
; Sequence 498, Application US/10667271
; Publication No. US20040209831A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics
; APPLICANT: McSwiggen, James
; APPLICANT: Macejak, Dennis
; APPLICANT: Beigelman, Leonid
; APPLICANT: Morrissey, David
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis C Virus (HCV)
; FILE REFERENCE: 400/129 (MEHB02-763B)
; CURRENT FILING DATE: 2003-09-16
; PRIOR APPLICATION NUMBER: US/10/667,271
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT / US03/05043
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT / US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: USSN 60/401,104
; PRIOR FILING DATE: 2002-08-05
; PRIOR APPLICATION NUMBER: USSN 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: USSN 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: USSN 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: USSN 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: USSN 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: USSN 60/409,293
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1705
; SOFTWARE: Patent in version 3.2
; SEQ ID NO 467
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense re
US-10-667-271-467
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/ NUMBER OF SEQ ID NOS: 1705
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 498
/ LENGTH: 19
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense re
US-10-667-271-498

Query Match      66.7%; Score 12; DB 8; Length 19;
Best Local Similarity 83.3%; Pred. No. 1.7e+03;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
   ||||:||||
Db 16 GGGGTCCTGGAG 5

RESULT 52
US-10-667-271-500/c
/ Sequence 500, Application US/10667271
/ Publication No. US20040209831A1
/ GENERAL INFORMATION:
/ APPLICANT: Sirna Therapeutics
/ APPLICANT: McSwiggen, James
/ APPLICANT: Macejak, Dennis
/ APPLICANT: Beigelman, Leonid
/ APPLICANT: Morrissey, David
/ TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis C Virus (HCV)
/ FILE REFERENCE: 400/129 (MBHB02-763B)
/ CURRENT APPLICATION NUMBER: US/10/667,271
/ CURRENT FILING DATE: 2003-09-16
/ PRIOR APPLICATION NUMBER: US 10/444,853
/ PRIOR FILING DATE: 2003-05-23
/ PRIOR APPLICATION NUMBER: PCT / US03/05043
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: PCT / US02/09187
/ PRIOR FILING DATE: 2002-03-26
/ PRIOR APPLICATION NUMBER: USSN 60/401,104
/ PRIOR FILING DATE: 2002-08-05
/ PRIOR APPLICATION NUMBER: USSN 60/358,580
/ PRIOR FILING DATE: 2002-02-20
/ PRIOR APPLICATION NUMBER: USSN 60/363,124
/ PRIOR FILING DATE: 2002-03-11
/ PRIOR APPLICATION NUMBER: USSN 60/386,782
/ PRIOR FILING DATE: 2002-06-06
/ PRIOR APPLICATION NUMBER: USSN 60/406,784
/ PRIOR FILING DATE: 2002-08-29
/ PRIOR APPLICATION NUMBER: USSN 60/408,378
/ PRIOR FILING DATE: 2002-09-05
/ PRIOR APPLICATION NUMBER: USSN 60/409,293
/ PRIOR FILING DATE: 2002-09-09
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 1705
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 500
/ LENGTH: 19
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense re
US-10-667-271-500

Query Match      66.7%; Score 12; DB 8; Length 19;
Best Local Similarity 83.3%; Pred. No. 1.7e+03;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
   ||||:||||
Db 14 GGGGTCCTGGAG 3

RESULT 54
US-10-667-271-538/c
/ Sequence 538, Application US/10667271
/ Publication No. US20040209831A1
/ GENERAL INFORMATION:
/ APPLICANT: Sirna Therapeutics
/ APPLICANT: McSwiggen, James
/ APPLICANT: Macejak, Dennis
/ APPLICANT: Beigelman, Leonid
/ APPLICANT: Morrissey, David
/ TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis C Virus (HCV)
/ FILE REFERENCE: 400/129 (MBHB02-763B)
/ CURRENT APPLICATION NUMBER: US/10/667,271
/ CURRENT FILING DATE: 2003-09-16
/ PRIOR APPLICATION NUMBER: US 10/444,853
/ PRIOR FILING DATE: 2003-05-23
```

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RESULT 53
US-10-667-271-502/c
/ Sequence 502, Application US/10667271
/ Publication No. US20040209831A1
/ GENERAL INFORMATION:
/ APPLICANT: Sirna Therapeutics
/ APPLICANT: McSwiggen, James
/ APPLICANT: Macejak, Dennis
/ APPLICANT: Beigelman, Leonid
/ APPLICANT: Morrissey, David
/ TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis C Virus (HCV)
/ FILE REFERENCE: 400/129 (MBHB02-763B)
/ CURRENT APPLICATION NUMBER: US/10/667,271
/ CURRENT FILING DATE: 2003-09-16
/ PRIOR APPLICATION NUMBER: US 10/444,853
/ PRIOR FILING DATE: 2003-05-23
/ PRIOR APPLICATION NUMBER: PCT / US03/05043
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: PCT / US02/09187
/ PRIOR FILING DATE: 2002-03-26
/ PRIOR APPLICATION NUMBER: USSN 60/401,104
/ PRIOR FILING DATE: 2002-08-05
/ PRIOR APPLICATION NUMBER: USSN 60/358,580
/ PRIOR FILING DATE: 2002-02-20
/ PRIOR APPLICATION NUMBER: USSN 60/363,124
/ PRIOR FILING DATE: 2002-03-11
/ PRIOR APPLICATION NUMBER: USSN 60/386,782
/ PRIOR FILING DATE: 2002-06-06
/ PRIOR APPLICATION NUMBER: USSN 60/406,784
/ PRIOR FILING DATE: 2002-08-29
/ PRIOR APPLICATION NUMBER: USSN 60/408,378
/ PRIOR FILING DATE: 2002-09-05
/ PRIOR APPLICATION NUMBER: USSN 60/409,293
/ PRIOR FILING DATE: 2002-09-09
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 1705
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 502
/ LENGTH: 19
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense re
US-10-667-271-502

Query Match      66.7%; Score 12; DB 8; Length 19;
Best Local Similarity 83.3%; Pred. No. 1.7e+03;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
   ||||:||||
Db 15 GGGGTCCTGGAG 4

RESULT 54
US-10-667-271-538/c
/ Sequence 538, Application US/10667271
/ Publication No. US20040209831A1
/ GENERAL INFORMATION:
/ APPLICANT: Sirna Therapeutics
/ APPLICANT: McSwiggen, James
/ APPLICANT: Macejak, Dennis
/ APPLICANT: Beigelman, Leonid
/ APPLICANT: Morrissey, David
/ TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis C Virus (HCV)
/ FILE REFERENCE: 400/129 (MBHB02-763B)
/ CURRENT APPLICATION NUMBER: US/10/667,271
/ CURRENT FILING DATE: 2003-09-16
/ PRIOR APPLICATION NUMBER: US 10/444,853
/ PRIOR FILING DATE: 2003-05-23
```



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; PRIOR APPLICATION NUMBER: PCT / US03/05043
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT / US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: USSN 60/401,104
; PRIOR FILING DATE: 2002-08-05
; PRIOR APPLICATION NUMBER: USSN 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: USSN 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: USSN 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: USSN 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: USSN 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: USSN 60/409,293
; PRIOR FILING DATE: 2002-09-09
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1705
; SOFTWARE: PatentIn version 3.2
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense re
US-10-667-271-538

Query Match          66.7%; Score 12; DB 8; Length 19;
Best Local Similarity 83.3%; Pred. No. 1.7e+03;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
    ||||:||||
Db 18 GGGGTCTGGAG 7

RESULT 55
US-10-667-271-544/c
; Sequence 544, Application US/10667271
; Publication No. US20040209831A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics
; APPLICANT: McSwiggen, James
; APPLICANT: Macejak, Dennis
; APPLICANT: Beigelman, Leonid
; APPLICANT: Morrissey, David
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis C Virus (HCV)
; FILE REFERENCE: 400/129 (MBH02-763B)
; CURRENT APPLICATION NUMBER: US/10/667,271
; CURRENT FILING DATE: 2003-09-16
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT / US03/05043
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT / US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: USSN 60/401,104
; PRIOR FILING DATE: 2002-08-05
; PRIOR APPLICATION NUMBER: USSN 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: USSN 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: USSN 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: USSN 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: USSN 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: USSN 60/409,293
; PRIOR FILING DATE: 2002-09-09
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1705
; SOFTWARE: PatentIn version 3.2
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense re
US-10-667-271-544/c

Query Match          66.7%; Score 12; DB 8; Length 19;
Best Local Similarity 83.3%; Pred. No. 1.7e+03;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
    ||||:||||
Db 18 GGGGTCTGGAG 7

RESULT 55
US-10-667-271-544/c
; Sequence 544, Application US/10667271
; Publication No. US20040209831A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics
; APPLICANT: McSwiggen, James
; APPLICANT: Macejak, Dennis
; APPLICANT: Beigelman, Leonid
; APPLICANT: Morrissey, David
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis C Virus (HCV)
; FILE REFERENCE: 400/129 (MBH02-763B)
; CURRENT APPLICATION NUMBER: US/10/667,271
; CURRENT FILING DATE: 2003-09-16
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT / US03/05043
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT / US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: USSN 60/401,104
; PRIOR FILING DATE: 2002-08-05
; PRIOR APPLICATION NUMBER: USSN 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: USSN 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: USSN 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: USSN 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: USSN 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: USSN 60/409,293
; PRIOR FILING DATE: 2002-09-09
```

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; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1705
; SOFTWARE: PatentIn version 3.2
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense re
US-10-667-271-544

Query Match          66.7%; Score 12; DB 8; Length 19;
Best Local Similarity 83.3%; Pred. No. 1.7e+03;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
    ||||:||||
Db 19 GGGGTCTGGAG 8

RESULT 56
US-10-667-271-545/c
; Sequence 545, Application US/10667271
; Publication No. US20040209831A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics
; APPLICANT: McSwiggen, James
; APPLICANT: Macejak, Dennis
; APPLICANT: Beigelman, Leonid
; APPLICANT: Morrissey, David
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis C Virus (HCV)
; FILE REFERENCE: 400/129 (MBH02-763B)
; CURRENT APPLICATION NUMBER: US/10/667,271
; CURRENT FILING DATE: 2003-09-16
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT / US03/05043
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT / US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: USSN 60/401,104
; PRIOR FILING DATE: 2002-08-05
; PRIOR APPLICATION NUMBER: USSN 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: USSN 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: USSN 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: USSN 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: USSN 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: USSN 60/409,293
; PRIOR FILING DATE: 2002-09-09
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1705
; SOFTWARE: PatentIn version 3.2
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense re
US-10-667-271-545

Query Match          66.7%; Score 12; DB 8; Length 19;
Best Local Similarity 83.3%; Pred. No. 1.7e+03;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
    ||||:||||
Db 17 GGGGTCTGGAG 6
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RESULT 57
US-10-667-271-1162
; Sequence 1162, Application US/10667271
; Publication No. US20040209831A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics
; APPLICANT: McSwiggen, James
; APPLICANT: Macejak, Dennis
; APPLICANT: Beigelman, Leonid
; APPLICANT: Morrissey, David
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis C Virus (HCV)
; FILE REFERENCE: 400/129 (MBH02-763B)
; CURRENT APPLICATION NUMBER: US/10/667,271
; CURRENT FILING DATE: 2003-09-16
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT / US03/05043
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT / US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: USSN 60/401,104
; PRIOR FILING DATE: 2002-08-05
; PRIOR APPLICATION NUMBER: USSN 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: USSN 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: USSN 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: USSN 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: USSN 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: USSN 60/409,293
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1705
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1162
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-667-271-1162

Query Match 66.7%; Score 12; DB 8; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.7e+03;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
Db 7 GGGGUCCUGGAG 18

RESULT 58
US-10-667-271-1163
; Sequence 1163, Application US/10667271
; Publication No. US20040209831A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics
; APPLICANT: McSwiggen, James
; APPLICANT: Macejak, Dennis
; APPLICANT: Beigelman, Leonid
; APPLICANT: Morrissey, David
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis C Virus (HCV)
; FILE REFERENCE: 400/129 (MBH02-763B)
; CURRENT APPLICATION NUMBER: US/10/667,271
; CURRENT FILING DATE: 2003-09-16
; PRIOR APPLICATION NUMBER: US 10/444,853
```

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; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT / US03/05043
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT / US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: USSN 60/401,104
; PRIOR FILING DATE: 2002-08-05
; PRIOR APPLICATION NUMBER: USSN 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: USSN 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: USSN 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: USSN 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: USSN 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: USSN 60/409,293
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1705
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1163
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-667-271-1163

Query Match 66.7%; Score 12; DB 8; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.7e+03;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
Db 8 GGGGUCCUGGAG 19

RESULT 59
US-10-667-271-1194
; Sequence 1194, Application US/10667271
; Publication No. US20040209831A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics
; APPLICANT: McSwiggen, James
; APPLICANT: Macejak, Dennis
; APPLICANT: Beigelman, Leonid
; APPLICANT: Morrissey, David
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis C Virus (HCV)
; FILE REFERENCE: 400/129 (MBH02-763B)
; CURRENT APPLICATION NUMBER: US/10/667,271
; CURRENT FILING DATE: 2003-09-16
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT / US03/05043
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT / US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: USSN 60/401,104
; PRIOR FILING DATE: 2002-08-05
; PRIOR APPLICATION NUMBER: USSN 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: USSN 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: USSN 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: USSN 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: USSN 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: USSN 60/409,293
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;
; PRIOR FILING DATE: 2002-09-09
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1705
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1194
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-667-271-1194

Query Match 66.7%; Score 12; DB 8; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.7e+03;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
|||||
Db 4 GGGGUCCUGGAG 15

RESULT 60
US-10-667-271-1196
; Sequence 1196, Application US/10667271
; Publication No. US20040209831A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics
; APPLICANT: McSwiggen, James
; APPLICANT: Macejak, Dennis
; APPLICANT: Beigelman, Leonid
; APPLICANT: Morrissey, David
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis C Virus (HCV)
; FILE REFERENCE: 400/129 (MBH02-763B)
; CURRENT APPLICATION NUMBER: US/10/667,271
; CURRENT FILING DATE: 2003-09-16
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT / US03/05043
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT / US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: USSN 60/401,104
; PRIOR FILING DATE: 2002-08-05
; PRIOR APPLICATION NUMBER: USSN 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: USSN 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: USSN 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: USSN 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: USSN 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: USSN 60/409,293
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1705
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1196
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-667-271-1196

Query Match 66.7%; Score 12; DB 8; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.7e+03;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
|||||

Db 6 GGGGUCCUGGAG 17
RESULT 61
US-10-667-271-1198
; Sequence 1198, Application US/10667271
; Publication No. US20040209831A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics
; APPLICANT: McSwiggen, James
; APPLICANT: Macejak, Dennis
; APPLICANT: Beigelman, Leonid
; APPLICANT: Morrissey, David
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis C Virus (HCV)
; FILE REFERENCE: 400/129 (MBH02-763B)
; CURRENT APPLICATION NUMBER: US/10/667,271
; CURRENT FILING DATE: 2003-09-16
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT / US03/05043
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT / US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: USSN 60/401,104
; PRIOR FILING DATE: 2002-08-05
; PRIOR APPLICATION NUMBER: USSN 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: USSN 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: USSN 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: USSN 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: USSN 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: USSN 60/409,293
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1705
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1198
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-667-271-1198

Query Match 66.7%; Score 12; DB 8; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.7e+03;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
|||||
Db 5 GGGGUCCUGGAG 16

RESULT 62
US-10-667-271-1234
; Sequence 1234, Application US/10667271
; Publication No. US20040209831A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics
; APPLICANT: McSwiggen, James
; APPLICANT: Macejak, Dennis
; APPLICANT: Beigelman, Leonid
; APPLICANT: Morrissey, David
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis C Virus (HCV)
; FILE REFERENCE: 400/129 (MBH02-763B)
; CURRENT APPLICATION NUMBER: US/10/667,271
; CURRENT FILING DATE: 2003-09-16

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; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT / US03/05043
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT / US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: USSN 60/401,104
; PRIOR FILING DATE: 2002-08-05
; PRIOR APPLICATION NUMBER: USSN 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: USSN 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: USSN 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: USSN 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: USSN 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: USSN 60/409,293
; PRIOR FILING DATE: 2002-09-09
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1705
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1234
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-667-271-1234

Query Match          66.7%; Score 12; DB 8; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.7e+03;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
   |||||
Db 2 GGGGUCCUGGAG 13

RESULT 63
US-10-667-271-1240
; Sequence 1240, Application US/10667271
; Publication No. US20040209831A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics
; APPLICANT: McSwiggen, James
; APPLICANT: Macejak, Dennis
; APPLICANT: Beigelman, Leonid
; APPLICANT: Morrissey, David
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis C Virus (HCV)
; FILE REFERENCE: 400/129 (MBH02-763B)
; CURRENT APPLICATION NUMBER: US/10/667,271
; CURRENT FILING DATE: 2003-09-16
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT / US03/05043
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT / US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: USSN 60/401,104
; PRIOR FILING DATE: 2002-08-05
; PRIOR APPLICATION NUMBER: USSN 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: USSN 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: USSN 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: USSN 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: USSN 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: USSN 60/409,293
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1705
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1234
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-667-271-1234

Query Match          66.7%; Score 12; DB 8; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.7e+03;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
   |||||
Db 2 GGGGUCCUGGAG 13

RESULT 63
US-10-667-271-1240
; Sequence 1240, Application US/10667271
; Publication No. US20040209831A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics
; APPLICANT: McSwiggen, James
; APPLICANT: Macejak, Dennis
; APPLICANT: Beigelman, Leonid
; APPLICANT: Morrissey, David
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis C Virus (HCV)
; FILE REFERENCE: 400/129 (MBH02-763B)
; CURRENT APPLICATION NUMBER: US/10/667,271
; CURRENT FILING DATE: 2003-09-16
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT / US03/05043
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT / US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: USSN 60/401,104
; PRIOR FILING DATE: 2002-08-05
; PRIOR APPLICATION NUMBER: USSN 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: USSN 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: USSN 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: USSN 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: USSN 60/408,378
; PRIOR FILING DATE: 2002-09-05
```

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; PRIOR APPLICATION NUMBER: USSN 60/409,293
; PRIOR FILING DATE: 2002-09-09
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1705
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1240
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-667-271-1240

Query Match          66.7%; Score 12; DB 8; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.7e+03;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
   |||||
Db 1 GGGGUCCUGGAG 12

RESULT 64
US-10-667-271-1241
; Sequence 1241, Application US/10667271
; Publication No. US20040209831A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics
; APPLICANT: McSwiggen, James
; APPLICANT: Macejak, Dennis
; APPLICANT: Beigelman, Leonid
; APPLICANT: Morrissey, David
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis C Virus (HCV)
; FILE REFERENCE: 400/129 (MBH02-763B)
; CURRENT APPLICATION NUMBER: US/10/667,271
; CURRENT FILING DATE: 2003-09-16
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT / US03/05043
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT / US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: USSN 60/401,104
; PRIOR FILING DATE: 2002-08-05
; PRIOR APPLICATION NUMBER: USSN 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: USSN 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: USSN 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: USSN 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: USSN 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: USSN 60/409,293
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1705
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1241
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-667-271-1241

Query Match          66.7%; Score 12; DB 8; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.7e+03;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
```

Db 3 GGGGUCCUGGAG 14
|||||

RESULT 65

US-10-942-560-466/c
; Sequence 466, Application US/10942560
; Publication No. US20050209180A1
; GENERAL INFORMATION:

; APPLICANT: Jadhav, Vasant
; APPLICANT: Kossen, Karl
; APPLICANT: Zinnen, Shawn
; APPLICANT: Vaish, Narendra
; APPLICANT: McSwiggen, James
; APPLICANT: Sirna Therapeutics, Inc.

; TITLE OF INVENTION: RNA Interference Mediated Inhibition Of Hepatitis C Virus (HCV)
; FILE REFERENCE: 02-763-I (400/234)

; CURRENT APPLICATION NUMBER: US/10/942,560

; CURRENT FILING DATE: 2004-09-15

; PRIOR APPLICATION NUMBER: US 10/667,271

; PRIOR FILING DATE: 2003-09-16

; PRIOR APPLICATION NUMBER: PCT/US03/05043

; PRIOR FILING DATE: 2003-02-20

; PRIOR APPLICATION NUMBER: PCT/US02/09187

; PRIOR FILING DATE: 2002-03-26

; PRIOR APPLICATION NUMBER: 60/401,104

; PRIOR FILING DATE: 2002-08-05

; PRIOR APPLICATION NUMBER: PCT/US 04/16390

; PRIOR FILING DATE: 2004-05-24

; PRIOR APPLICATION NUMBER: US 10/826,966

; PRIOR FILING DATE: 2004-04-16

; PRIOR APPLICATION NUMBER: US 10/757,803

; PRIOR FILING DATE: 2004-01-14

; PRIOR APPLICATION NUMBER: US 10/720,448

; PRIOR FILING DATE: 2003-11-24

; PRIOR APPLICATION NUMBER: US 10/693,059

; PRIOR FILING DATE: 2003-10-23

; PRIOR APPLICATION NUMBER: US 10/444,853

; PRIOR FILING DATE: 2003-05-23

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 2031

; SOFTWARE: PatentIn version 3.3

; SEQ ID NO 466

; LENGTH: 19

; TYPE: RNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: siNA target

US-10-942-560-466

Query Match 66.7%; Score 12; DB 9; Length 19;

Best Local Similarity 83.3%; Pred. No. 1.7e+03;

Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12

|||||

Db 13 GGGGCTCTGGAG 2

|||||

RESULT 66

US-10-942-560-467/c

; Sequence 467, Application US/10942560

; Publication No. US20050209180A1

; GENERAL INFORMATION:

; APPLICANT: Jadhav, Vasant

; APPLICANT: Kossen, Karl

; APPLICANT: Zinnen, Shawn

; APPLICANT: Vaish, Narendra

; APPLICANT: McSwiggen, James

; APPLICANT: Sirna Therapeutics, Inc.

; TITLE OF INVENTION: RNA Interference Mediated Inhibition Of Hepatitis C Virus (HCV)

; FILE REFERENCE: 02-763-I (400/234)

; CURRENT APPLICATION NUMBER: US/10/942,560

; CURRENT FILING DATE: 2004-09-15

; PRIOR APPLICATION NUMBER: US 10/667,271

; PRIOR FILING DATE: 2003-09-16

; PRIOR APPLICATION NUMBER: PCT/US03/05043

; PRIOR FILING DATE: 2003-02-20

; PRIOR APPLICATION NUMBER: PCT/US02/09187

; PRIOR FILING DATE: 2002-03-26

; PRIOR APPLICATION NUMBER: 60/401,104

; PRIOR FILING DATE: 2002-08-05

; PRIOR APPLICATION NUMBER: PCT/US 04/16390

; PRIOR FILING DATE: 2004-05-24

; PRIOR APPLICATION NUMBER: US 10/826,966

; PRIOR FILING DATE: 2004-04-16

; PRIOR APPLICATION NUMBER: US 10/757,803

; PRIOR FILING DATE: 2004-01-14

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 2031

; SOFTWARE: PatentIn version 3.3

; SEQ ID NO 467

; LENGTH: 19

; TYPE: RNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: siNA target

US-10-942-560-467

Query Match 66.7%; Score 12; DB 9; Length 19;

Best Local Similarity 83.3%; Pred. No. 1.7e+03;

Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12

|||||

Db 13 GGGGCTCTGGAG 2

|||||

RESULT 67

US-10-942-560-498/c

; Sequence 498, Application US/10942560

; Publication No. US20050209180A1

; GENERAL INFORMATION:

; APPLICANT: Jadhav, Vasant

; APPLICANT: Kossen, Karl

; APPLICANT: Zinnen, Shawn

; APPLICANT: Vaish, Narendra

; APPLICANT: McSwiggen, James

; APPLICANT: Sirna Therapeutics, Inc.

; TITLE OF INVENTION: RNA Interference Mediated Inhibition Of Hepatitis C Virus (HCV)

; FILE REFERENCE: 02-763-I (400/234)

; CURRENT APPLICATION NUMBER: US/10/942,560

; CURRENT FILING DATE: 2004-09-15

; PRIOR APPLICATION NUMBER: US 10/667,271

; PRIOR FILING DATE: 2003-09-16

; PRIOR APPLICATION NUMBER: PCT/US03/05043

; PRIOR FILING DATE: 2003-02-20

; PRIOR APPLICATION NUMBER: PCT/US02/09187

; PRIOR FILING DATE: 2002-03-26

; PRIOR APPLICATION NUMBER: 60/401,104

; PRIOR FILING DATE: 2002-08-05

; PRIOR APPLICATION NUMBER: PCT/US 04/16390

; PRIOR FILING DATE: 2004-05-24

; PRIOR APPLICATION NUMBER: US 10/826,966

; PRIOR FILING DATE: 2004-04-16

; PRIOR APPLICATION NUMBER: US 10/757,803

; PRIOR FILING DATE: 2004-01-14

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 2031

; SOFTWARE: PatentIn version 3.3

; SEQ ID NO 467

; LENGTH: 19

; TYPE: RNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: siNA target

US-10-942-560-467

Query Match 66.7%; Score 12; DB 9; Length 19;

Best Local Similarity 83.3%; Pred. No. 1.7e+03;

Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12

|||||

Db 13 GGGGCTCTGGAG 1

|||||

US-10-942-560-498/c

; Sequence 498, Application US/10942560

; Publication No. US20050209180A1

; GENERAL INFORMATION:

; APPLICANT: Jadhav, Vasant

; APPLICANT: Kossen, Karl

; APPLICANT: Zinnen, Shawn

; APPLICANT: Vaish, Narendra

; APPLICANT: McSwiggen, James

; APPLICANT: Sirna Therapeutics, Inc.

; TITLE OF INVENTION: RNA Interference Mediated Inhibition Of Hepatitis C Virus (HCV)

; FILE REFERENCE: 02-763-I (400/234)

; CURRENT APPLICATION NUMBER: US/10/942,560

; CURRENT FILING DATE: 2004-09-15

; PRIOR APPLICATION NUMBER: US 10/667,271

; PRIOR FILING DATE: 2003-09-16

; PRIOR APPLICATION NUMBER: PCT/US03/05043

; PRIOR FILING DATE: 2003-02-20

; PRIOR APPLICATION NUMBER: PCT/US02/09187

; PRIOR FILING DATE: 2002-03-26

; PRIOR APPLICATION NUMBER: 60/401,104

; PRIOR FILING DATE: 2002-08-05

; PRIOR APPLICATION NUMBER: PCT/US 04/16390

; PRIOR FILING DATE: 2004-05-24

; PRIOR APPLICATION NUMBER: US 10/826,966

; PRIOR FILING DATE: 2004-04-16

; PRIOR APPLICATION NUMBER: US 10/757,803

; PRIOR FILING DATE: 2004-01-14

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 2031

; SOFTWARE: PatentIn version 3.3

; SEQ ID NO 467

; LENGTH: 19

; TYPE: RNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: siNA target

US-10-942-560-467

Query Match 66.7%; Score 12; DB 9; Length 19;

Best Local Similarity 83.3%; Pred. No. 1.7e+03;

Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12

|||||

Db 12 GGGGCTCTGGAG 1

|||||

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; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 2031
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 498
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA target
US-10-942-560-498

Query Match      66.7%; Score 12; DB 9; Length 19;
Best Local Similarity 83.3%; Pred. No. 1.7e+03;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
   |||||:||||
Db 16 GGGGTCCTGGAG 5

RESULT 68
US-10-942-560-500/c
; Sequence 500, Application US/10942560
; Publication No. US20050209180A1
; GENERAL INFORMATION:
; APPLICANT: Jadhav, Vasant
; APPLICANT: Kossen, Karl
; APPLICANT: Zinnen, Shawn
; APPLICANT: Vaish, Narendra
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RNA Interference Mediated Inhibition Of Hepatitis C Virus (HCV)
; TITLE OF INVENTION: Expression Using Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 02-763-1 (400/234)
; CURRENT APPLICATION NUMBER: US 10/942,560
; CURRENT FILING DATE: 2004-09-15
; PRIOR APPLICATION NUMBER: US 10/667,271
; PRIOR FILING DATE: 2003-09-16
; PRIOR APPLICATION NUMBER: PCT/US03/05043
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US02/09187
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: 60/401,104
; PRIOR FILING DATE: 2002-08-05
; PRIOR APPLICATION NUMBER: PCT/US 04/16390
; PRIOR FILING DATE: 2004-05-24
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 2031
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 500
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA target
US-10-942-560-500
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Query Match      66.7%; Score 12; DB 9; Length 19;
Best Local Similarity 83.3%; Pred. No. 1.7e+03;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
   |||||:||||
Db 14 GGGGTCCTGGAG 3

RESULT 69
US-10-942-560-502/c
; Sequence 502, Application US/10942560
; Publication No. US20050209180A1
; GENERAL INFORMATION:
; APPLICANT: Jadhav, Vasant
; APPLICANT: Kossen, Karl
; APPLICANT: Zinnen, Shawn
; APPLICANT: Vaish, Narendra
; APPLICANT: McSwiggen, James
; APPLICANT: Sirna Therapeutics, Inc.
; TITLE OF INVENTION: RNA Interference Mediated Inhibition Of Hepatitis C Virus (HCV)
; TITLE OF INVENTION: Expression Using Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 02-763-1 (400/234)
; CURRENT APPLICATION NUMBER: US 10/942,560
; CURRENT FILING DATE: 2004-09-15
; PRIOR APPLICATION NUMBER: US 10/667,271
; PRIOR FILING DATE: 2003-09-16
; PRIOR APPLICATION NUMBER: PCT/US03/05043
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: 60/401,104
; PRIOR FILING DATE: 2002-08-05
; PRIOR APPLICATION NUMBER: PCT/US 04/16390
; PRIOR FILING DATE: 2004-05-24
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 2031
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 502
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA target
US-10-942-560-502

Query Match      66.7%; Score 12; DB 9; Length 19;
Best Local Similarity 83.3%; Pred. No. 1.7e+03;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
   |||||:||||
Db 15 GGGGTCCTGGAG 4

RESULT 70
US-10-942-560-538/c
; Sequence 538, Application US/10942560
; Publication No. US20050209180A1
; GENERAL INFORMATION:
; APPLICANT: Jadhav, Vasant
; APPLICANT: Kossen, Karl
; APPLICANT: Zinnen, Shawn
```

```
; APPLICANT: Vaish, Narendra
; APPLICANT: McSwiggen, James
; APPLICANT: Sirna Therapeutics, Inc.
; TITLE OF INVENTION: RNA Interference Mediated Inhibition Of Hepatitis C Virus (HCV)
; FILE REFERENCE: 02-763-1 (400/234)
; CURRENT APPLICATION NUMBER: US/10/942,560
; CURRENT FILING DATE: 2004-09-15
; PRIOR APPLICATION NUMBER: US 10/667,271
; PRIOR FILING DATE: 2003-09-16
; PRIOR APPLICATION NUMBER: PCT/US03/05043
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: 60/401,104
; PRIOR FILING DATE: 2002-08-05
; PRIOR APPLICATION NUMBER: PCT/US 04/16390
; PRIOR FILING DATE: 2004-05-24
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 2031
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 538
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA target
US-10-942-560-538

Query Match 66.7%; Score 12; DB 9; Length 19;
Best Local Similarity 83.3%; Pred. No. 1.7e+03;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
    ||||:||||
Db 18 GGGGTCCTGGAG 7

RESULT 71
US-10-942-560-544/c
; Sequence 544, Application US/10942560
; Publication No. US20050209180A1
; GENERAL INFORMATION:
; APPLICANT: Jadhav, Vasant
; APPLICANT: Kossen, Karl
; APPLICANT: Zinnen, Shawn
; APPLICANT: Vaish, Narendra
; APPLICANT: McSwiggen, James
; APPLICANT: Sirna Therapeutics, Inc.
; TITLE OF INVENTION: RNA Interference Mediated Inhibition Of Hepatitis C Virus (HCV)
; FILE REFERENCE: 02-763-1 (400/234)
; CURRENT APPLICATION NUMBER: US/10/942,560
; CURRENT FILING DATE: 2004-09-15
; PRIOR APPLICATION NUMBER: US 10/667,271
; PRIOR FILING DATE: 2003-09-16
; PRIOR APPLICATION NUMBER: PCT/US03/05043
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: 60/401,104
; PRIOR FILING DATE: 2002-08-05
; PRIOR APPLICATION NUMBER: PCT/US 04/16390
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 2031
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 538
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA target
US-10-942-560-538

Query Match 66.7%; Score 12; DB 9; Length 19;
Best Local Similarity 83.3%; Pred. No. 1.7e+03;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
    ||||:||||
Db 18 GGGGTCCTGGAG 7

RESULT 71
US-10-942-560-544/c
; Sequence 544, Application US/10942560
; Publication No. US20050209180A1
; GENERAL INFORMATION:
; APPLICANT: Jadhav, Vasant
; APPLICANT: Kossen, Karl
; APPLICANT: Zinnen, Shawn
; APPLICANT: Vaish, Narendra
; APPLICANT: McSwiggen, James
; APPLICANT: Sirna Therapeutics, Inc.
; TITLE OF INVENTION: RNA Interference Mediated Inhibition Of Hepatitis C Virus (HCV)
; FILE REFERENCE: 02-763-1 (400/234)
; CURRENT APPLICATION NUMBER: US/10/942,560
; CURRENT FILING DATE: 2004-09-15
; PRIOR APPLICATION NUMBER: US 10/667,271
; PRIOR FILING DATE: 2003-09-16
; PRIOR APPLICATION NUMBER: PCT/US03/05043
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: 60/401,104
; PRIOR FILING DATE: 2002-08-05
; PRIOR APPLICATION NUMBER: PCT/US 04/16390
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 2031
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 545
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA target
US-10-942-560-544
```

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; PRIOR FILING DATE: 2004-05-24
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 2031
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 544
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA target
US-10-942-560-544

Query Match 66.7%; Score 12; DB 9; Length 19;
Best Local Similarity 83.3%; Pred. No. 1.7e+03;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
    ||||:||||
Db 19 GGGGTCCTGGAG 8

RESULT 72
US-10-942-560-545/c
; Sequence 545, Application US/10942560
; Publication No. US20050209180A1
; GENERAL INFORMATION:
; APPLICANT: Jadhav, Vasant
; APPLICANT: Kossen, Karl
; APPLICANT: Zinnen, Shawn
; APPLICANT: Vaish, Narendra
; APPLICANT: McSwiggen, James
; APPLICANT: Sirna Therapeutics, Inc.
; TITLE OF INVENTION: RNA Interference Mediated Inhibition Of Hepatitis C Virus (HCV)
; FILE REFERENCE: 02-763-1 (400/234)
; CURRENT APPLICATION NUMBER: US/10/942,560
; CURRENT FILING DATE: 2004-09-15
; PRIOR APPLICATION NUMBER: US 10/667,271
; PRIOR FILING DATE: 2003-09-16
; PRIOR APPLICATION NUMBER: PCT/US03/05043
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: 60/401,104
; PRIOR FILING DATE: 2002-08-05
; PRIOR APPLICATION NUMBER: PCT/US 04/16390
; PRIOR FILING DATE: 2004-05-24
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 2031
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 545
; LENGTH: 19
; TYPE: RNA
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; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA target
US-10-942-560-545

Query Match      66.7%; Score 12; DB 9; Length 19;
Best Local Similarity 83.3%; Pred. No. 1.7e+03;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
    |||||:||||
Db 17 GGGGTCCTGGAG 6

RESULT 73
US-10-942-560-1162
; Sequence 1162, Application US/10942560
; Publication No. US20050209180A1
; GENERAL INFORMATION:
; APPLICANT: Jadhav, Vasant
; APPLICANT: Kossen, Karl
; APPLICANT: Zinnen, Shawn
; APPLICANT: Vaish, Narendra
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RNA Interference Mediated Inhibition Of Hepatitis C Virus (HCV)
; FILE REFERENCE: 02-763-1 (400/234)
; CURRENT APPLICATION NUMBER: US/10/942,560
; PRIORITY FILING DATE: 2004-09-15
; PRIOR APPLICATION NUMBER: US 10/667,271
; PRIOR FILING DATE: 2003-09-16
; PRIOR APPLICATION NUMBER: PCT/US03/05043
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: 60/401,104
; PRIOR FILING DATE: 2002-08-05
; PRIOR APPLICATION NUMBER: PCT/US 04/16390
; PRIOR FILING DATE: 2004-05-24
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 2031
; SOFTWARE: Patent in version 3.3
; SEQ ID NO 1162
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense
US-10-942-560-1163

Query Match      66.7%; Score 12; DB 9; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.7e+03;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
    |||||:||||
Db 8 GGGGUCCUGGAG 19

RESULT 75
US-10-942-560-1194
; Sequence 1194, Application US/10942560
; Publication No. US20050209180A1
; GENERAL INFORMATION:
; APPLICANT: Jadhav, Vasant
; APPLICANT: Kossen, Karl
; APPLICANT: Zinnen, Shawn
; APPLICANT: Vaish, Narendra
; APPLICANT: McSwiggen, James
; APPLICANT: Sinna Therapeutics, Inc.
; TITLE OF INVENTION: RNA Interference Mediated Inhibition Of Hepatitis C Virus (HCV)
; FILE REFERENCE: 02-763-1 (400/234)
; CURRENT APPLICATION NUMBER: US/10/942,560
; PRIORITY FILING DATE: 2004-09-15
; PRIOR APPLICATION NUMBER: US 10/667,271
; PRIOR FILING DATE: 2003-09-16
; PRIOR APPLICATION NUMBER: PCT/US03/05043
; PRIOR FILING DATE: 2003-02-20
```

```
; Publication No. US20050209180A1
; GENERAL INFORMATION:
; APPLICANT: Jadhav, Vasant
; APPLICANT: Kossen, Karl
; APPLICANT: Zinnen, Shawn
; APPLICANT: Vaish, Narendra
; APPLICANT: McSwiggen, James
; APPLICANT: Sinna Therapeutics, Inc.
; TITLE OF INVENTION: RNA Interference Mediated Inhibition Of Hepatitis C Virus (HCV)
; FILE REFERENCE: 02-763-1 (400/234)
; CURRENT APPLICATION NUMBER: US/10/942,560
; PRIORITY FILING DATE: 2004-09-15
; PRIOR APPLICATION NUMBER: US 10/667,271
; PRIOR FILING DATE: 2003-09-16
; PRIOR APPLICATION NUMBER: PCT/US03/05043
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: 60/401,104
; PRIOR FILING DATE: 2002-08-05
; PRIOR APPLICATION NUMBER: PCT/US 04/16390
; PRIOR FILING DATE: 2004-05-24
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 2031
; SOFTWARE: Patent in version 3.3
; SEQ ID NO 1163
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense
US-10-942-560-1163

Query Match      66.7%; Score 12; DB 9; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.7e+03;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
    |||||:||||
Db 8 GGGGUCCUGGAG 19

RESULT 75
US-10-942-560-1194
; Sequence 1194, Application US/10942560
; Publication No. US20050209180A1
; GENERAL INFORMATION:
; APPLICANT: Jadhav, Vasant
; APPLICANT: Kossen, Karl
; APPLICANT: Zinnen, Shawn
; APPLICANT: Vaish, Narendra
; APPLICANT: McSwiggen, James
; APPLICANT: Sinna Therapeutics, Inc.
; TITLE OF INVENTION: RNA Interference Mediated Inhibition Of Hepatitis C Virus (HCV)
; FILE REFERENCE: 02-763-1 (400/234)
; CURRENT APPLICATION NUMBER: US/10/942,560
; PRIORITY FILING DATE: 2004-09-15
; PRIOR APPLICATION NUMBER: US 10/667,271
; PRIOR FILING DATE: 2003-09-16
; PRIOR APPLICATION NUMBER: PCT/US03/05043
; PRIOR FILING DATE: 2003-02-20
```



```
; PRIOR APPLICATION NUMBER: PCT/US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: 60/401,104
; PRIOR FILING DATE: 2002-08-05
; PRIOR APPLICATION NUMBER: PCT/US 04/16390
; PRIOR FILING DATE: 2004-05-24
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 2031
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 1194
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense
US-10-942-560-1194

Query Match      66.7%; Score 12; DB 9; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.7e+03;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
   |||||
DB 4 GGGGUCCUGGAG 15

RESULT 76
US-10-942-560-1196
; Sequence 1196, Application US/10942560
; Publication No. US20050209180A1
; GENERAL INFORMATION:
; APPLICANT: Jadhav, Vasant
; APPLICANT: Kossen, Karl
; APPLICANT: Zinnen, Shawn
; APPLICANT: Valen, Narendra
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RNA Interference Mediated Inhibition Of Hepatitis C Virus (HCV)
; FILE REFERENCE: 02-763-I (400/234)
; CURRENT APPLICATION NUMBER: US/10/942,560
; CURRENT FILING DATE: 2004-09-15
; PRIOR APPLICATION NUMBER: US 10/667,271
; PRIOR FILING DATE: 2004-09-16
; PRIOR APPLICATION NUMBER: PCT/US03/05043
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: 60/401,104
; PRIOR FILING DATE: 2002-08-05
; PRIOR APPLICATION NUMBER: PCT/US 04/16390
; PRIOR FILING DATE: 2004-05-24
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 2031
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 1194
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense
US-10-942-560-1196

Query Match      66.7%; Score 12; DB 9; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.7e+03;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
   |||||
DB 4 GGGGUCCUGGAG 15
```

```
; NUMBER OF SEQ ID NOS: 2031
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 1196
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense
US-10-942-560-1196

Query Match      66.7%; Score 12; DB 9; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.7e+03;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
   |||||
DB 6 GGGGUCCUGGAG 17

RESULT 77
US-10-942-560-1198
; Sequence 1198, Application US/10942560
; Publication No. US20050209180A1
; GENERAL INFORMATION:
; APPLICANT: Jadhav, Vasant
; APPLICANT: Kossen, Karl
; APPLICANT: Zinnen, Shawn
; APPLICANT: Vaish, Narendra
; APPLICANT: McSwiggen, James
; APPLICANT: Sirna Therapeutics, Inc.
; TITLE OF INVENTION: RNA Interference Mediated Inhibition Of Hepatitis C Virus (HCV)
; FILE REFERENCE: 02-763-I (400/234)
; CURRENT APPLICATION NUMBER: US/10/942,560
; CURRENT FILING DATE: 2004-09-15
; PRIOR APPLICATION NUMBER: US 10/667,271
; PRIOR FILING DATE: 2003-09-16
; PRIOR APPLICATION NUMBER: PCT/US03/05043
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: 60/401,104
; PRIOR FILING DATE: 2002-08-05
; PRIOR APPLICATION NUMBER: PCT/US 04/16390
; PRIOR FILING DATE: 2004-05-24
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 2031
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 1198
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense
US-10-942-560-1198

Query Match      66.7%; Score 12; DB 9; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.7e+03;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
   |||||
DB 5 GGGGUCCUGGAG 16
```


; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 2031
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 1241
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense
US-10-942-560-1241

Query Match 66.7%; Score 12; DB 9; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.7e+03;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
Db 3 GGGGUCCUGGAG 14

RESULT 81
US-08-887-505-19
; Sequence 19, Application US/08887505
; Publication No. US20020081577A1
; GENERAL INFORMATION:
; APPLICANT: Kilkuskie, Robert E.
; APPLICANT: Frank, Bruce L.
; APPLICANT: Goodchild, John
; APPLICANT: Wolfe, Jia L.
; APPLICANT: Roberts, Peter C.
; APPLICANT: Hamlin, Jr., Henry A.
; APPLICANT: Roberts, No. US20020081577A11 A.
; APPLICANT: Walther, Debra M.
; TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR
; TITLE OF INVENTION: HEPATITIS C VIRUS
; NUMBER OF SEQUENCES: 172
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hale and Dorr LLP
; STREET: 60 State Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/887,505
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/471,968
; FILING DATE: 06-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Kerner, Ann-Louise
; REGISTRATION NUMBER: 33,523
; REFERENCE/DOCKET NUMBER: HY2-040CIP
; TELEPHONE: (617) 526-6000
; TELEFAX: (617) 526-5000
; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA

; HYPOTHETICAL: NO
; ANTI-SENSE: YES
US-08-887-505-19

Query Match 66.7%; Score 12; DB 2; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.7e+03;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
Db 2 GGGGTCTTGAG 13

RESULT 82
US-08-887-505-20
; Sequence 20, Application US/08887505
; Publication No. US20020081577A1
; GENERAL INFORMATION:
; APPLICANT: Kilkuskie, Robert E.
; APPLICANT: Frank, Bruce L.
; APPLICANT: Goodchild, John
; APPLICANT: Wolfe, Jia L.
; APPLICANT: Roberts, Peter C.
; APPLICANT: Hamlin, Jr., Henry A.
; APPLICANT: Roberts, No. US20020081577A11 A.
; APPLICANT: Walther, Debra M.
; TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR
; TITLE OF INVENTION: HEPATITIS C VIRUS
; NUMBER OF SEQUENCES: 172
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hale and Dorr LLP
; STREET: 60 State Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/887,505
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/471,968
; FILING DATE: 06-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Kerner, Ann-Louise
; REGISTRATION NUMBER: 33,523
; REFERENCE/DOCKET NUMBER: HY2-040CIP
; TELEPHONE: (617) 526-6000
; TELEFAX: (617) 526-5000
; INFORMATION FOR SEQ ID NO: 20:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
US-08-887-505-20

Query Match 66.7%; Score 12; DB 2; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.7e+03;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
Db 6 GGGGTCTTGAG 17

```

; OTHER INFORMATION: Deletion fragment in a deletion fragment library, including a po
;
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)..(14)
; OTHER INFORMATION: The "n" in the sequence means a o r g or c or t.
US-10-291-249-49

Query Match          66.7%; Score 12; DB 6; Length 20;
Best Local Similarity 91.7%; Pred. No. 1.7e+03;
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy      7 CUGGAGNNNNNN 18
       |:|||||
Db      20 CTGGAGNNNNNN 9

RESULT 85
US-10-008-140B-12/c
; Sequence 12, Application US/10008140B
; Publication No. US20030124512A1
; GENERAL INFORMATION:
; APPLICANT: Pharmasset, Ltd.
; APPLICANT: Stuyver, Lieven
; TITLE OF INVENTION: Simultaneous Quantification of Nucleic Acids in Diseased Cells
; FILE REFERENCE: 08841.105021
; CURRENT APPLICATION NUMBER: US/10/008,140B
; CURRENT FILING DATE: 2001-10-18
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 12
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide (probe) used to detect HCV viral load
US-10-008-140B-12

Query Match          66.7%; Score 12; DB 6; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.7e+03;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy      1 GGGGUCCUGGAG 12
       |:|||||
Db      13 GGGGTCTTGAG 2

RESULT 86
US-10-169-371-48/c
; Sequence 48, Application US/10169371
; Publication No. US20030175729A1
; GENERAL INFORMATION:
; APPLICANT: VAN EIJK, Michael Josephus Theresia
; APPLICANT: HOGERS, Rene Cornelis Josephus
; APPLICANT: HEIJNEN, Leo
; TITLE OF INVENTION: Method for generating oligonucleotides, in particular for the
; FILE REFERENCE: VAN EIJK-2
; CURRENT APPLICATION NUMBER: US/10/169,371
; CURRENT FILING DATE: 2002-07-01
; PRIOR APPLICATION NUMBER: EPC 99204614.4
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: PCT/NL00/00963
; PRIOR FILING DATE: 2000-12-28
; NUMBER OF SEQ ID NOS: 95
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 48
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: synthetic
; FEATURE:

```

```
; NAME/KEY: misc feature
; LOCATION: (1)-(14)
; OTHER INFORMATION: n is a, c, g, or t
US-10-169-371-48

Query Match      66.7%; Score 12; DB 6; Length 20;
Best Local Similarity 91.7%; Pred. No. 1.7e+03;
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 7 CUGGAGNNNNN 18
Db 20 CTGAGNNNNN 9

RESULT 87
US-09-747-419-7/c
; Sequence 7, Application US/09747419
; Patent No. US2002015582A1
; GENERAL INFORMATION:
; APPLICANT: Lemon, Stanley
; APPLICANT: Yi, Minkyung
; TITLE OF INVENTION: REPLICATION COMPETENT HEPATITIS C VIRUS AND METHODS OF USE
; FILE REFERENCE: 265.0007 0101
; CURRENT APPLICATION NUMBER: US/09/747,419
; CURRENT FILING DATE: 2000-12-23
; PRIOR APPLICATION NUMBER: US 60/171,909
; PRIOR FILING DATE: 1999-12-23
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 7
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Red probe
; NAME/KEY: misc difference
; LOCATION: (1)-(1)
; OTHER INFORMATION: LC640 labeled
US-09-747-419-7

Query Match      66.7%; Score 12; DB 3; Length 21;
Best Local Similarity 83.3%; Pred. No. 1.7e+03;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
Db 21 GGGGTCTCTGGAG 10

RESULT 88
US-10-259-275-7/c
; Sequence 7, Application US/10259275
; Publication No. US2003012554A1
; GENERAL INFORMATION:
; APPLICANT: Lemon, Stanley M.
; APPLICANT: Yi, Minkyung
; TITLE OF INVENTION: REPLICATION COMPETENT HEPATITIS C VIRUS AND METHODS OF USE
; FILE REFERENCE: 265.0007 0120
; CURRENT APPLICATION NUMBER: US/10/259,275
; CURRENT FILING DATE: 2003-01-13
; PRIOR APPLICATION NUMBER: US 60/171,909
; PRIOR FILING DATE: 1999-12-23
; PRIOR APPLICATION NUMBER: US 09/747,419
; PRIOR FILING DATE: 2000-12-23
; PRIOR APPLICATION NUMBER: US 60/325,236
; PRIOR FILING DATE: 2001-09-27
; PRIOR APPLICATION NUMBER: US 60/338,123
; PRIOR FILING DATE: 2001-11-13
; NUMBER OF SEQ ID NOS: 73
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 7
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Red probe
; NAME/KEY: misc difference
; LOCATION: (1)-(1)
; OTHER INFORMATION: LC640 labeled
US-11-006-313-7

Query Match      66.7%; Score 12; DB 6; Length 21;
Best Local Similarity 83.3%; Pred. No. 1.7e+03;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
Db 21 GGGGTCTCTGGAG 10

RESULT 89
US-11-006-313-7/c
; Sequence 7, Application US/11006313
; Publication No. US20050153281A1
; GENERAL INFORMATION:
; APPLICANT: Lemon, Stanley M.
; APPLICANT: Yi, Minkyung
; TITLE OF INVENTION: REPLICATION COMPETENT HEPATITIS C VIRUS AND METHODS OF USE
; FILE REFERENCE: 265.0007 0121
; CURRENT APPLICATION NUMBER: US/11/006,313
; CURRENT FILING DATE: 2004-12-06
; PRIOR APPLICATION NUMBER: US 60/171,909
; PRIOR FILING DATE: 1999-12-23
; PRIOR APPLICATION NUMBER: US 10/259,275
; PRIOR FILING DATE: 2002-09-27
; PRIOR APPLICATION NUMBER: US 09/747,419
; PRIOR FILING DATE: 2000-12-23
; PRIOR APPLICATION NUMBER: US 60/325,236
; PRIOR FILING DATE: 2001-09-27
; PRIOR APPLICATION NUMBER: US 60/338,123
; PRIOR FILING DATE: 2001-11-13
; NUMBER OF SEQ ID NOS: 73
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 7
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Red probe
; NAME/KEY: misc difference
; LOCATION: (1)-(1)
; OTHER INFORMATION: LC640 labeled
US-11-006-313-7

Query Match      66.7%; Score 12; DB 10; Length 21;
Best Local Similarity 83.3%; Pred. No. 1.7e+03;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
Db 21 GGGGTCTCTGGAG 10

RESULT 90
US-10-291-230-38/c
; Sequence 38, Application US/10291230
; Publication No. US20030108939A1
; GENERAL INFORMATION:
; APPLICANT: Ruffner, Duane E.
; APPLICANT: Pierce, Michael L.
; APPLICANT: Chen, Zhidong
; TITLE OF INVENTION: Directed Antisense Libraries
; FILE REFERENCE: T6678.US.A
; CURRENT APPLICATION NUMBER: US/10/291,230
```

```

; CURRENT FILING DATE: 2002-11-07
; PRIOR APPLICATION NUMBER: US 09/647,344
; PRIOR FILING DATE: 2000-12-04
; PRIOR APPLICATION NUMBER: PCT/US99/06742
; PRIOR FILING DATE: 1999-03-28
; PRIOR APPLICATION NUMBER: US 60/079,792
; PRIOR FILING DATE: 1998-03-28
; PRIOR APPLICATION NUMBER: US 60/107,504
; PRIOR FILING DATE: 1998-11-06
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 38
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Portion of an intermediate in the making of a deletion library, i
; OTHER INFORMATION: ncluding a portion of a multiple cloning site.
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)..(16)
; OTHER INFORMATION: The "n" in the sequence means a or g or c or t/u.
US-10-291-230-38

Query Match          66.7%; Score 12; DB 5; Length 22;
Best Local Similarity 91.7%; Pred. No. 1.7e+03;
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 7 CUGGAGNNNNNN 18
DB 22 CTGGAGNNNNNN 11

RESULT 91
US-10-291-249-38/c
; Sequence 38, Application US/10291249
; Publication No. US20030119041A1
; GENERAL INFORMATION:
; APPLICANT: Ruffner, Duane E.
; APPLICANT: Pierce, Michael L.
; APPLICANT: Chen, Zhidong
; TITLE OF INVENTION: Directed Antisense Libraries
; FILE REFERENCE: T6678.US.B
; CURRENT APPLICATION NUMBER: US/10/291,249
; CURRENT FILING DATE: 2002-11-07
; PRIOR APPLICATION NUMBER: US 09/647,344
; PRIOR FILING DATE: 2000-12-04
; PRIOR APPLICATION NUMBER: PCT/US99/06742
; PRIOR FILING DATE: 1999-03-28
; PRIOR APPLICATION NUMBER: US 60/079,792
; PRIOR FILING DATE: 1998-03-28
; PRIOR APPLICATION NUMBER: US 60/107,504
; PRIOR FILING DATE: 1998-11-06
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 38
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Portion of an intermediate in the making of a deletion library, i
; OTHER INFORMATION: ncluding a portion of a multiple cloning site.
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)..(16)
; OTHER INFORMATION: The "n" in the sequence means a or g or c or t/u.
US-10-291-249-38

Query Match          66.7%; Score 12; DB 6; Length 22;
Best Local Similarity 91.7%; Pred. No. 1.7e+03;
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 7 CUGGAGNNNNNN 18
DB 22 CTGGAGNNNNNN 11

US-10-169-371-47
; Sequence 47, Application US/10169371
; Publication No. US20030175729A1
; GENERAL INFORMATION:
; APPLICANT: VAN EIJK, Michael Josephus Theresia
; APPLICANT: HOGERS, Rene Cornelis Josephus
; APPLICANT: HEIJNEN, Leo
; TITLE OF INVENTION: Method for generating oligonucleotides, in particular for the
; FILE REFERENCE: VAN EIJK-2
; CURRENT APPLICATION NUMBER: US/10/169,371
; CURRENT FILING DATE: 2002-07-01
; PRIOR APPLICATION NUMBER: EPC 99204614.4
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: PCT/NL00/00963
; PRIOR FILING DATE: 2000-12-28
; NUMBER OF SEQ ID NOS: 95
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 47
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: synthetic
; NAME/KEY: misc feature
; LOCATION: (7)..(22)
; OTHER INFORMATION: n is a, c, g, or t
US-10-169-371-47

Query Match          66.7%; Score 12; DB 6; Length 22;
Best Local Similarity 91.7%; Pred. No. 1.7e+03;
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 7 CUGGAGNNNNNN 18
DB 1 CTGGAGNNNNNN 12

RESULT 92
US-10-169-371-47
; Sequence 47, Application US/10169371
; Publication No. US20030175729A1
; GENERAL INFORMATION:
; APPLICANT: VAN EIJK, Michael Josephus Theresia
; APPLICANT: HOGERS, Rene Cornelis Josephus
; APPLICANT: HEIJNEN, Leo
; TITLE OF INVENTION: Method for generating oligonucleotides, in particular for the
; FILE REFERENCE: VAN EIJK-2
; CURRENT APPLICATION NUMBER: US/10/169,371
; CURRENT FILING DATE: 2002-07-01
; PRIOR APPLICATION NUMBER: EPC 99204614.4
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: PCT/NL00/00963
; PRIOR FILING DATE: 2000-12-28
; NUMBER OF SEQ ID NOS: 95
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 47
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: synthetic
; NAME/KEY: misc feature
; LOCATION: (7)..(22)
; OTHER INFORMATION: n is a, c, g, or t
US-10-169-371-47

Query Match          66.7%; Score 12; DB 6; Length 22;
Best Local Similarity 91.7%; Pred. No. 1.7e+03;
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 7 CUGGAGNNNNNN 18
DB 1 CTGGAGNNNNNN 12

RESULT 93
US-10-092-885-59
; Sequence 59, Application US/10092885
; Publication No. US20030190618A1
; GENERAL INFORMATION:
; APPLICANT: SAMAL, BABRU
; APPLICANT: LI, YUAN
; APPLICANT: HERMIDA, LEANDRO C.
; APPLICANT: HOPPA, NANCY L.
; APPLICANT: JOHE, KARL K.
; TITLE OF INVENTION: METHOD FOR GENERATING FIVE PRIME BIASED TANDEM TAG
; FILE REFERENCE: 0109015/026
; CURRENT APPLICATION NUMBER: US/10/092,885
; CURRENT FILING DATE: 2002-03-06
; NUMBER OF SEQ ID NOS: 60
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 59
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: modified base
; LOCATION: (7)..(22)
; OTHER INFORMATION: a, t, c, g, other or unknown
US-10-092-885-59

Query Match          66.7%; Score 12; DB 6; Length 22;
Best Local Similarity 91.7%; Pred. No. 1.7e+03;
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 7 CUGGAGNNNNNN 18
DB 7 CUGGAGNNNNNN 12
```

```
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 7 CUGGAGNNNNN 18
   |:|||||
Db 1 CTGGAGNNNNN 12

RESULT 94
US-10-045-674-375
; Sequence 375, Application US/10045674
; Publication No. US2003023233A1
; GENERAL INFORMATION:
; APPLICANT: LADNER, ROBERT C.
; APPLICANT: COHEN, EDWARD H.
; APPLICANT: NASTRI, HORACIO G.
; APPLICANT: ROOKEY, KRISTIN L.
; APPLICANT: HOET, RENE
; APPLICANT: HOOGENBOOM, HENDRICUS R. J. M.
; TITLE OF INVENTION: NOVEL METHODS OF CONSTRUCTING LIBRARIES COMPRISING
; TITLE OF INVENTION: DISPLAYED AND/OR EXPRESSED MEMBERS OF A DIVERSE FAMILY
; TITLE OF INVENTION: OF PEPTIDES, POLYPEPTIDES OR PROTEINS AND THE NOVEL
; TITLE OF INVENTION: LIBRARIES
; FILE REFERENCE: DYAX/002 CIP2
; CURRENT APPLICATION NUMBER: US/10/045,674
; CURRENT FILING DATE: 2001-10-25
; PRIOR APPLICATION NUMBER: 60/198,069
; PRIOR FILING DATE: 2000-04-17
; PRIOR APPLICATION NUMBER: 09/837,306
; PRIOR FILING DATE: 2001-04-17
; NUMBER OF SEQ ID NOS: 635
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 375
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
; NAME/KEY: modified base
; LOCATION: (7)..(22)
; OTHER INFORMATION: A, T, C, G, other or unknown
US-10-045-674-375

Query Match 66.7%; Score 12; DB 6; Length 22;
Best Local Similarity 91.7%; Pred. No. 1.7e+03;
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 7 CUGGAGNNNNN 18
   |:|||||
Db 1 CTGGAGNNNNN 12

RESULT 95
US-10-399-843-4
; Sequence 4, Application US/10399843
; Publication No. US20040053284A1
; GENERAL INFORMATION:
; APPLICANT: Andrus, Linda
; APPLICANT: Nichols, Carmen Nicola
; TITLE OF INVENTION: Universal Multi-Variant Detection System
; FILE REFERENCE: 454-30 PCT/US
; CURRENT APPLICATION NUMBER: US/10/399,843
; CURRENT FILING DATE: 2003-04-22
; PRIOR APPLICATION NUMBER: PCT/US02/12035
; PRIOR FILING DATE: 2002-04-17
; PRIOR APPLICATION NUMBER: 60/284,334
; PRIOR FILING DATE: 2001-04-17
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4
; LENGTH: 22
; TYPE: DNA
```

```
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(22)
; OTHER INFORMATION: Nucleotide sequence encoding a primer
US-10-399-843-4

Query Match 66.7%; Score 12; DB 7; Length 22;
Best Local Similarity 83.3%; Pred. No. 1.7e+03;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
   |:|||||
Db 11 GGGGTCCTGGAG 22

RESULT 96
US-10-702-228A-22
; Sequence 22, Application US/10702228A
; Publication No. US20050074785A1
; GENERAL INFORMATION:
; APPLICANT: Slater, Michael R.
; APPLICANT: Wood, Keith V.
; APPLICANT: Hartnett, James Robert
; APPLICANT: Promega Corporation
; TITLE OF INVENTION: Vectors for Directional Cloning
; FILE REFERENCE: 341.030US1
; CURRENT APPLICATION NUMBER: US/10/702,228A
; CURRENT FILING DATE: 2003-11-05
; PRIOR APPLICATION NUMBER: 10/678,961
; PRIOR FILING DATE: 2003-10-03
; NUMBER OF SEQ ID NOS: 92
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 22
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: A synthetic DNA fragment
; NAME/KEY: misc_feature
; LOCATION: 7-22
; OTHER INFORMATION: n = A, T, G, or C
US-10-702-228A-22

Query Match 66.7%; Score 12; DB 9; Length 22;
Best Local Similarity 91.7%; Pred. No. 1.7e+03;
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 7 CUGGAGNNNNN 18
   |:|||||
Db 1 CTGGAGNNNNN 12

RESULT 97
US-10-678-961B-22
; Sequence 22, Application US/10678961B
; Publication No. US20050074883A1
; GENERAL INFORMATION:
; APPLICANT: Slater, Michael R.
; APPLICANT: Strauss, Ethan Edward
; APPLICANT: Wood, Keith V.
; APPLICANT: Hartnett, James Robert
; APPLICANT: Promega Corporation
; TITLE OF INVENTION: Vectors for Directional Cloning
; FILE REFERENCE: 341.023US1
; CURRENT APPLICATION NUMBER: US/10/678,961B
; CURRENT FILING DATE: 2003-10-03
; NUMBER OF SEQ ID NOS: 91
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 22
```

```
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: A synthetic DNA fragment
; NAME/KEY: misc_feature
; LOCATION: 7-22
; OTHER INFORMATION: n = A, T, G, or C
US-10-678-961B-22
```

```
Query Match 66.7%; Score 12; DB 9; Length 22;
Best Local Similarity 91.7%; Pred. No. 1.7e+03;
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 7 CUGGAGNNNNNN 18
Db 1 CTGGAGNNNNNN 12
```

RESULT 98

```
US-10-987-411-22
; Sequence 22, Application US/10987411
; Publication No. US20050130205A1
; GENERAL INFORMATION:
; APPLICANT: Slater, Michael R.
; APPLICANT: Strauss, Ethan Edward
; APPLICANT: Wood, Keith V.
; APPLICANT: Hartnett, James Robert
; APPLICANT: Promega Corporation
; TITLE OF INVENTION: Vectors for Directional Cloning
; FILE REFERENCE: 341.023US1
; CURRENT APPLICATION NUMBER: US/10/987,411
; CURRENT FILING DATE: 2004-11-12
; PRIOR APPLICATION NUMBER: US/10/678,961
; PRIOR FILING DATE: 2003-10-03
; NUMBER OF SEQ ID NOS: 91
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 22
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: A synthetic DNA fragment
; NAME/KEY: misc_feature
; LOCATION: 7-22
; OTHER INFORMATION: n = A, T, G, or C
US-10-987-411-22
```

```
Query Match 66.7%; Score 12; DB 9; Length 22;
Best Local Similarity 91.7%; Pred. No. 1.7e+03;
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 7 CUGGAGNNNNNN 18
Db 1 CTGGAGNNNNNN 12
```

RESULT 99

```
US-10-053-883-111
; Sequence 111, Application US/10053883
; Publication No. US20030113737A1
; GENERAL INFORMATION:
; APPLICANT: PEDERSEN, Morten Lorentz
; TITLE OF INVENTION: ASSAY AND KIT FOR ANALYZING GENE EXPRESSION
; FILE REFERENCE: PEDERSEN-1A
; CURRENT APPLICATION NUMBER: US/10/053,883
; CURRENT FILING DATE: 2002-01-02
; PRIOR APPLICATION NUMBER: PA 2001 00126
; PRIOR FILING DATE: 2001-01-24
; PRIOR APPLICATION NUMBER: US 60/267,704
; PRIOR FILING DATE: 2001-02-12
```

```
; NUMBER OF SEQ ID NOS: 148
; SOFTWARE: PatentIn version 3.11
; SEQ ID NO 111
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic
; NAME/KEY: misc_feature
; LOCATION: (7)..(23)
; OTHER INFORMATION: n is a, c, g or t
US-10-053-883-111
```

```
Query Match 66.7%; Score 12; DB 5; Length 23;
Best Local Similarity 91.7%; Pred. No. 1.6e+03;
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 7 CUGGAGNNNNNN 18
Db 1 CTGGAGNNNNNN 12
```

RESULT 100

```
US-10-053-883-112/c
; Sequence 112, Application US/10053883
; Publication No. US20030113737A1
; GENERAL INFORMATION:
; APPLICANT: PEDERSEN, Morten Lorentz
; TITLE OF INVENTION: ASSAY AND KIT FOR ANALYZING GENE EXPRESSION
; FILE REFERENCE: PEDERSEN-1A
; CURRENT APPLICATION NUMBER: US/10/053,883
; CURRENT FILING DATE: 2002-01-02
; PRIOR APPLICATION NUMBER: PA 2001 00126
; PRIOR FILING DATE: 2001-01-24
; PRIOR APPLICATION NUMBER: US 60/267,704
; PRIOR FILING DATE: 2001-02-12
; NUMBER OF SEQ ID NOS: 148
; SOFTWARE: PatentIn version 3.11
; SEQ ID NO 112
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic
; NAME/KEY: misc_feature
; LOCATION: (1)..(17)
; OTHER INFORMATION: n is a, c, g or t
US-10-053-883-112
```

```
Query Match 66.7%; Score 12; DB 5; Length 23;
Best Local Similarity 91.7%; Pred. No. 1.6e+03;
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 7 CUGGAGNNNNNN 18
Db 23 CTGGAGNNNNNN 12
```

RESULT 101

```
US-08-887-505-48
; Sequence 48, Application US/08887505
; Publication No. US20020081577A1
; GENERAL INFORMATION:
; APPLICANT: Kilkuskie, Robert E.
; APPLICANT: Frank, Bruce L.
; APPLICANT: Goodchild, John
; APPLICANT: Wolfe, Jia L.
; APPLICANT: Roberts, Peter C.
; APPLICANT: Hamlin, Jr., Henry A.
; APPLICANT: Roberts, No. US20020081577A1 A.
; APPLICANT: Walther, Debra M.
```


Query Match 66.7%; Score 12; DB 2; Length 24;
Best Local Similarity 83.3%; Pred. NO. 1.6e+03;
Matches 10; Conservative 2; Mismatches 0; Indels

RESULT 103
US-08-887-505-56
; Sequence 56, Application US/08887505
; Publication No. US20020081577A1
; GENERAL INFORMATION:

APPLICANT: Hamlin, Jr., Henry A.
 APPLICANT: Roberts, No. US20020081577All A.
 APPLICANT: Walther, Debra M.
 TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR
 TITLE OF INVENTION: HEPATITIS C VIRUS
 NUMBER OF SEQUENCES: 172
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Hale and Dorr LLP
 STREET: 60 State Street
 CITY: Boston
 STATE: MA
 COUNTRY: USA
 ZIP: 02109
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/897,505
 FILING DATE:
 CLASSIFICATION: 514
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/471,968
 FILING DATE: 06-JUN-1995

ATTORNEY/AGENT INFORMATION:
NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: HYZ-040CIP
TELEPHONE: (617) 526-6000
TELEFAX: (617) 526-5000
INFORMATION FOR SEQ ID NO: 56:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA/RNA
HYPOTHETICAL: NO
ANTI-SENSE: YES
US-08-887-505-56

Query Match 66.7%; Score 12; DB 2; Length 24;
Best Local Similarity 100.0%; Pred. No. 1.6e+03;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
|||||
Db 1 GGGGUCCUGGAG 12

RESULT 104
US-08-887-505-57
; Sequence 57, Application US/08887505
; Publication No. US20020081577A1
; GENERAL INFORMATION:
; APPLICANT: Kilkuskie, Robert E.
; APPLICANT: Frank, Bruce L.
; APPLICANT: Goodchild, John
; APPLICANT: Wolfe, Jia L.
; APPLICANT: Roberts, Peter C.
; APPLICANT: Hamlin, Jr., Henry A.
; APPLICANT: Roberts, No. US20020081577A1 A.
; APPLICANT: Walther, Debra M.
; TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR
; NUMBER OF SEQUENCES: 172
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hale and Dorr LLP
; STREET: 60 State Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/887,505
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/471,968
; FILING DATE: 06-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Kerner, Ann-Louise
; REGISTRATION NUMBER: 33,523
; REFERENCE/DOCKET NUMBER: HYZ-040CIP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 526-6000
; TELEFAX: (617) 526-5000
; INFORMATION FOR SEQ ID NO: 57:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid

STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
HYPOTHETICAL: NO
ANTI-SENSE: YES
US-08-887-505-57

Query Match 66.7%; Score 12; DB 2; Length 24;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
|||||
Db 13 GGGGTCTCTGGAG 24

RESULT 105
US-08-887-505-58
; Sequence 58, Application US/08887505
; Publication No. US20020081577A1
; GENERAL INFORMATION:
; APPLICANT: Kilkuskie, Robert E.
; APPLICANT: Frank, Bruce L.
; APPLICANT: Goodchild, John
; APPLICANT: Wolfe, Jia L.
; APPLICANT: Roberts, Peter C.
; APPLICANT: Hamlin, Jr., Henry A.
; APPLICANT: Roberts, No. US20020081577A1 A.
; APPLICANT: Walther, Debra M.
; TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR
; TITLE OF INVENTION: HEPATITIS C VIRUS
; NUMBER OF SEQUENCES: 172
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hale and Dorr LLP
; STREET: 60 State Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/887,505
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/471,968
; FILING DATE: 06-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Kerner, Ann-Louise
; REGISTRATION NUMBER: 33,523
; REFERENCE/DOCKET NUMBER: HYZ-040CIP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 526-6000
; TELEFAX: (617) 526-5000
; INFORMATION FOR SEQ ID NO: 58:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
US-08-887-505-58

Query Match 66.7%; Score 12; DB 2; Length 24;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
Db 13 GGGGTCCTGGAG 24

RESULT 106

US-08-887-505-59
; Sequence 59, Application US/08887505
; Publication No. US20020081577A1
; GENERAL INFORMATION:
; APPLICANT: Kilkuskie, Robert E.
; APPLICANT: Frank, Bruce L.
; APPLICANT: Goodchild, John
; APPLICANT: Wolfe, Jia L.
; APPLICANT: Roberts, Peter C.
; APPLICANT: Hamlin, Jr., Henry A.
; APPLICANT: Roberts, No. US20020081577A1 A.
; APPLICANT: Walther, Debra M.
; TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR
; TITLE OF INVENTION: HEPATITIS C VIRUS
; NUMBER OF SEQUENCES: 172
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hale and Dorr LLP
; STREET: 60 State Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109

COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/887,505
; FILING DATE:

CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/471,968
; FILING DATE: 06-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Kerner, Ann-Louise
; REGISTRATION NUMBER: 33,523
; REFERENCE/DOCKET NUMBER: HYZ-040CIP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 526-6000
; TELEFAX: (617) 526-5000
; INFORMATION FOR SEQ ID NO: 59:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
US-08-887-505-59

Query Match 66.7%; Score 12; DB 2; Length 24;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
Db 13 GGGGTCCTGGAG 24

RESULT 107

US-08-887-505-60
; Sequence 60, Application US/08887505
; Publication No. US20020081577A1
; GENERAL INFORMATION:
; APPLICANT: Kilkuskie, Robert E.

; APPLICANT: Frank, Bruce L.
; APPLICANT: Goodchild, John
; APPLICANT: Wolfe, Jia L.
; APPLICANT: Roberts, Peter C.
; APPLICANT: Hamlin, Jr., Henry A.
; APPLICANT: Roberts, No. US20020081577A1 A.
; APPLICANT: Walther, Debra M.
; TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR
; TITLE OF INVENTION: HEPATITIS C VIRUS
; NUMBER OF SEQUENCES: 172
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hale and Dorr LLP
; STREET: 60 State Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109
COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/887,505
; FILING DATE:

CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/471,968
; FILING DATE: 06-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Kerner, Ann-Louise
; REGISTRATION NUMBER: 33,523
; REFERENCE/DOCKET NUMBER: HYZ-040CIP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 526-6000
; TELEFAX: (617) 526-5000
; INFORMATION FOR SEQ ID NO: 60:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
US-08-887-505-60

Query Match 66.7%; Score 12; DB 2; Length 24;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
Db 1 GGGGTCCTGGAG 12

RESULT 108

US-08-887-505-61
; Sequence 61, Application US/08887505
; Publication No. US20020081577A1
; GENERAL INFORMATION:
; APPLICANT: Kilkuskie, Robert E.
; APPLICANT: Frank, Bruce L.
; APPLICANT: Goodchild, John
; APPLICANT: Wolfe, Jia L.
; APPLICANT: Roberts, Peter C.
; APPLICANT: Hamlin, Jr., Henry A.
; APPLICANT: Roberts, No. US20020081577A1 A.
; APPLICANT: Walther, Debra M.
; TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR
; TITLE OF INVENTION: HEPATITIS C VIRUS
; NUMBER OF SEQUENCES: 172
; CORRESPONDENCE ADDRESS:

ADDRESS: Hale and Dorr LLP
STREET: 60 State Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/887,505
FILING DATE:
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/471,968
FILING DATE: 06-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: HYZ-040CIP
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 526-6000
TELEFAX: (617) 526-5000
INFORMATION FOR SEQ ID NO: 61:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
MOLECULE TYPE: DNA
HYPOTHETICAL: NO
ANTI-SENSE: YES
US-08-887-505-61

Query Match 66.7%; Score 12; DB 2; Length 24;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 10; Conservative 2; Mismatches 0; Indels 0;

QY 1 GGGGUCCUGGAG 12
||||:|||||
Db 13 GGGGTCCTGGAG 24

RESULT 109
US-08-887-505-62
Sequence 62, Application US/08887505
Publication No. US20020081577A1
GENERAL INFORMATION:
APPLICANT: Kilkuskie, Robert E.
APPLICANT: Frank, Bruce L.
APPLICANT: Goodchild, John
APPLICANT: Wolfe, Jia L.
APPLICANT: Roberts, Peter C.
APPLICANT: Hamlin, Jr., Henry A.
APPLICANT: Roberts, No. US20020081577A1 A.
TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR
TITLE OF INVENTION: HEPATITIS C VIRUS
NUMBER OF SEQUENCES: 172
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hale and Dorr LLP
STREET: 60 State Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/887,505
FILING DATE:
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/471,968
FILING DATE: 06-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: HYZ-040CIP
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 526-6000
TELEFAX: (617) 526-5000
INFORMATION FOR SEQ ID NO: 62:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
MOLECULE TYPE: DNA
HYPOTHETICAL: NO
ANTI-SENSE: YES
US-08-887-505-62

Query Match 66.7%; Score 12; DB 2; Length 24;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 10; Conservative 2; Mismatches 0; Indels 0;

QY 1 GGGGUCCUGGAG 12
||||:|||||
Db 1 GGGGTCCTGGAG 12

RESULT 110
US-08-887-505-63
Sequence 63, Application US/08887505
Publication No. US20020081577A1
GENERAL INFORMATION:
APPLICANT: Kilkuskie, Robert E.
APPLICANT: Frank, Bruce L.
APPLICANT: Goodchild, John
APPLICANT: Wolfe, Jia L.
APPLICANT: Roberts, Peter C.
APPLICANT: Hamlin, Jr., Henry A.
APPLICANT: Roberts, No. US20020081577A1 A.
TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR
TITLE OF INVENTION: HEPATITIS C VIRUS
NUMBER OF SEQUENCES: 172
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hale and Dorr LLP
STREET: 60 State Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/887,505
FILING DATE:
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/471,968
FILING DATE: 06-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: HYZ-040CIP

; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 526-6000
; TELEFAX: (617) 526-5000
; INFORMATION FOR SEQ ID NO: 63:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
US-08-887-505-63

Query Match 66.7%; Score 12; DB 2; Length 24;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
|||:|:|:|
Db 13 GGGGUCCUGGAG 24

RESULT 111
US-08-887-505-64
; Sequence 64, Application US/08887505
; Publication No. US20020081577A1
; GENERAL INFORMATION:
; APPLICANT: Kilkuskie, Robert E.
; APPLICANT: Frank, Bruce L.
; APPLICANT: Goodchild, John
; APPLICANT: Wolfe, Jia L.
; APPLICANT: Roberts, Peter C.
; APPLICANT: Hamlin, Jr., Henry A.
; APPLICANT: Roberts, No. US20020081577A11 A.
; APPLICANT: Walther, Debra M.
; TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR
; HEPATITIS C VIRUS
; NUMBER OF SEQUENCES: 172
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hale and Dorr LLP
; STREET: 60 State Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/887,505
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/471,968
; FILING DATE: 06-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Kerner, Ann-Louise
; REGISTRATION NUMBER: 33,523
; REFERENCE/DOCKET NUMBER: HYZ-040CIP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 526-6000
; TELEFAX: (617) 526-5000
; INFORMATION FOR SEQ ID NO: 64:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA/RNA
; HYPOTHETICAL: NO

; ANTI-SENSE: YES
US-08-887-505-64

Query Match 66.7%; Score 12; DB 2; Length 24;
Best Local Similarity 100.0%; Pred. No. 1.6e+03;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
|||:|:|:|
Db 1 GGGGUCCUGGAG 12

RESULT 112
US-08-887-505-65
; Sequence 65, Application US/08887505
; Publication No. US20020081577A1
; GENERAL INFORMATION:
; APPLICANT: Kilkuskie, Robert E.
; APPLICANT: Frank, Bruce L.
; APPLICANT: Goodchild, John
; APPLICANT: Wolfe, Jia L.
; APPLICANT: Roberts, Peter C.
; APPLICANT: Hamlin, Jr., Henry A.
; APPLICANT: Roberts, No. US20020081577A11 A.
; APPLICANT: Walther, Debra M.
; TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR
; HEPATITIS C VIRUS
; NUMBER OF SEQUENCES: 172
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hale and Dorr LLP
; STREET: 60 State Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/887,505
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/471,968
; FILING DATE: 06-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Kerner, Ann-Louise
; REGISTRATION NUMBER: 33,523
; REFERENCE/DOCKET NUMBER: HYZ-040CIP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 526-6000
; TELEFAX: (617) 526-5000
; INFORMATION FOR SEQ ID NO: 65:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA/RNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
US-08-887-505-65

Query Match 66.7%; Score 12; DB 2; Length 24;
Best Local Similarity 100.0%; Pred. No. 1.6e+03;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
|||:|:|:|
Db 13 GGGGUCCUGGAG 24

```
RESULT 113
US-08-887-505-66
; Sequence 66, Application US/08887505
; Publication No. US20020081577A1
; GENERAL INFORMATION:
; APPLICANT: Kilkuskie, Robert E.
; APPLICANT: Frank, Bruce L.
; APPLICANT: Goodchild, John
; APPLICANT: Wolfe, Jia L.
; APPLICANT: Roberts, Peter C.
; APPLICANT: Hamlin, Jr., Henry A.
; APPLICANT: Roberts, No. US20020081577A1 A.
; TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR
; CORRESPONDENCE ADDRESS:
; NUMBER OF SEQUENCES: 172
; ADDRESS: Hale and Dorr LLP
; STREET: 60 State Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/887,505
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/471,968
; FILING DATE: 06-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Kerner, Ann-Louise
; REGISTRATION NUMBER: 33,523
; REFERENCE/DOCKET NUMBER: HYZ-040CIP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 526-6000
; TELEFAX: (617) 526-5000
; INFORMATION FOR SEQ ID NO: 148:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA/RNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
; US-08-887-505-148

Query Match 66.7%; Score 12; DB 2; Length 24;
Best Local Similarity 100.0%; Pred. No. 1.6e+03;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
Db 7 GGGGUCCUGGAG 18

RESULT 115
US-08-887-505-149
; Sequence 149, Application US/08887505
; Publication No. US20020081577A1
; GENERAL INFORMATION:
; APPLICANT: Kilkuskie, Robert E.
; APPLICANT: Frank, Bruce L.
; APPLICANT: Goodchild, John
; APPLICANT: Wolfe, Jia L.
; APPLICANT: Roberts, Peter C.
; APPLICANT: Hamlin, Jr., Henry A.
; APPLICANT: Roberts, No. US20020081577A1 A.
; TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR
; CORRESPONDENCE ADDRESS:
; NUMBER OF SEQUENCES: 172
; ADDRESS: Hale and Dorr LLP
; STREET: 60 State Street
; CITY: Boston
; STATE: MA
```

```
RESULT 114
US-08-887-505-66
; Sequence 66, Application US/08887505
; Publication No. US20020081577A1
; GENERAL INFORMATION:
; APPLICANT: Kilkuskie, Robert E.
; APPLICANT: Frank, Bruce L.
; APPLICANT: Goodchild, John
; APPLICANT: Wolfe, Jia L.
; APPLICANT: Roberts, Peter C.
; APPLICANT: Hamlin, Jr., Henry A.
; APPLICANT: Roberts, No. US20020081577A1 A.
; TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR
; CORRESPONDENCE ADDRESS:
; NUMBER OF SEQUENCES: 172
; ADDRESS: Hale and Dorr LLP
; STREET: 60 State Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/887,505
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/471,968
; FILING DATE: 06-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Kerner, Ann-Louise
; REGISTRATION NUMBER: 33,523
; REFERENCE/DOCKET NUMBER: HYZ-040CIP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 526-6000
; TELEFAX: (617) 526-5000
; INFORMATION FOR SEQ ID NO: 66:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
; US-08-887-505-66

Query Match 66.7%; Score 12; DB 2; Length 24;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
Db 1 GGGGTCCTGGAG 12

RESULT 114
US-08-887-505-148
; Sequence 148, Application US/08887505
; Publication No. US20020081577A1
; GENERAL INFORMATION:
; APPLICANT: Kilkuskie, Robert E.
; APPLICANT: Frank, Bruce L.
; APPLICANT: Goodchild, John
; APPLICANT: Wolfe, Jia L.
; APPLICANT: Roberts, Peter C.
```

;
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM: disk
; MEDIUM TYPE: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/887,505
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/471,968
; FILING DATE: 06-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Kerner, Ann-Louise
; REGISTRATION NUMBER: 33,523
; REFERENCE/DOCKET NUMBER: HYZ-040CIP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 526-6000
; TELEFAX: (617) 526-5000
; INFORMATION FOR SEQ ID NO: 149:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA/RNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
; US-08-887-505-149

Query Match 66.7%; Score 12; DB 2; Length 24;
Best Local Similarity 100.0%; Pred. No. 1.6e+03;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
Db 7 GGGGUCCUGGAG 18

RESULT 116
US-08-887-505-150
; Sequence 150, Application US/08887505
; Publication No. US20020081577A1
; GENERAL INFORMATION:
; APPLICANT: Kilkuskie, Robert E.
; APPLICANT: Frank, Bruce L.
; APPLICANT: Goodchild, John
; APPLICANT: Wolfe, Jia L.
; APPLICANT: Roberts, Peter C.
; APPLICANT: Hamlin, Jr., Henry A.
; APPLICANT: Roberts, No. US20020081577A11 A.
; APPLICANT: Walther, Debra M.
; TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR
; TITLE OF INVENTION: HEPATITIS C VIRUS
; NUMBER OF SEQUENCES: 172
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hale and Dorr LLP
; STREET: 60 State Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/887,505
; FILING DATE:
; CLASSIFICATION: 514

;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/471,968
; FILING DATE: 06-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Kerner, Ann-Louise
; REGISTRATION NUMBER: 33,523
; REFERENCE/DOCKET NUMBER: HYZ-040CIP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 526-6000
; TELEFAX: (617) 526-5000
; INFORMATION FOR SEQ ID NO: 150:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA/RNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
; US-08-887-505-150

Query Match 66.7%; Score 12; DB 2; Length 24;
Best Local Similarity 100.0%; Pred. No. 1.6e+03;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
Db 7 GGGGUCCUGGAG 18

RESULT 117
US-08-887-505-151
; Sequence 151, Application US/08887505
; Publication No. US20020081577A1
; GENERAL INFORMATION:
; APPLICANT: Kilkuskie, Robert E.
; APPLICANT: Frank, Bruce L.
; APPLICANT: Goodchild, John
; APPLICANT: Wolfe, Jia L.
; APPLICANT: Roberts, Peter C.
; APPLICANT: Hamlin, Jr., Henry A.
; APPLICANT: Roberts, No. US20020081577A11 A.
; APPLICANT: Walther, Debra M.
; TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR
; TITLE OF INVENTION: HEPATITIS C VIRUS
; NUMBER OF SEQUENCES: 172
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hale and Dorr LLP
; STREET: 60 State Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/887,505
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/471,968
; FILING DATE: 06-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Kerner, Ann-Louise
; REGISTRATION NUMBER: 33,523
; REFERENCE/DOCKET NUMBER: HYZ-040CIP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 526-6000
; TELEFAX: (617) 526-5000
; INFORMATION FOR SEQ ID NO: 151:

SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA/RNA
HYPOTHETICAL: NO
ANTI-SENSE: YES
US-08-887-505-151

Query Match 66.7%; Score 12; DB 2; Length 24;
Best Local Similarity 100.0%; Pred. No. 1.6e+03;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
Db 13 GGGGUCCUGGAG 24

RESULT 118

US-08-887-505-152
; Sequence 152, Application US/08887505
; Publication No. US20020081577A1
; GENERAL INFORMATION:
; APPLICANT: Kilkuskie, Robert E.
; APPLICANT: Frank, Bruce L.
; APPLICANT: Goodchild, John
; APPLICANT: Wolfe, Jia L.
; APPLICANT: Roberts, Peter C.
; APPLICANT: Hamlin, Jr., Henry A.
; APPLICANT: Roberts, No. US20020081577A11 A.
; APPLICANT: Walther, Debra M.
; TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR
; TITLE OF INVENTION: HEPATITIS C VIRUS
; NUMBER OF SEQUENCES: 172
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hale and Dorr LLP
; STREET: 60 State Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/887,505
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/471,968
; FILING DATE: 06-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Kerner, Ann-Louise
; REGISTRATION NUMBER: 33,523
; REFERENCE/DOCKET NUMBER: HY2-040CIP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 526-6000
; TELEFAX: (617) 526-5000
; INFORMATION FOR SEQ ID NO: 152:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA/RNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
US-08-887-505-152

Query Match

66.7%; Score 12; DB 2; Length 24;

Best Local Similarity 100.0%; Pred. No. 1.6e+03;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
Db 7 GGGGUCCUGGAG 18

RESULT 119

US-08-887-505-153
; Sequence 153, Application US/08887505
; Publication No. US20020081577A1
; GENERAL INFORMATION:
; APPLICANT: Kilkuskie, Robert E.
; APPLICANT: Frank, Bruce L.
; APPLICANT: Goodchild, John
; APPLICANT: Wolfe, Jia L.
; APPLICANT: Roberts, Peter C.
; APPLICANT: Hamlin, Jr., Henry A.
; APPLICANT: Roberts, No. US20020081577A11 A.
; APPLICANT: Walther, Debra M.
; TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR
; TITLE OF INVENTION: HEPATITIS C VIRUS
; NUMBER OF SEQUENCES: 172
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hale and Dorr LLP
; STREET: 60 State Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/887,505
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/471,968
; FILING DATE: 06-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Kerner, Ann-Louise
; REGISTRATION NUMBER: 33,523
; REFERENCE/DOCKET NUMBER: HY2-040CIP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 526-6000
; TELEFAX: (617) 526-5000
; INFORMATION FOR SEQ ID NO: 153:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA/RNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
US-08-887-505-153

Query Match 66.7%; Score 12; DB 2; Length 24;
Best Local Similarity 100.0%; Pred. No. 1.6e+03;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
Db 13 GGGGUCCUGGAG 24

RESULT 120

US-08-887-505-154
; Sequence 154, Application US/08887505

Publication No. US20020081577A1
GENERAL INFORMATION:
APPLICANT: Kilkuskie, Robert E.
APPLICANT: Frank, Bruce L.
APPLICANT: Goodchild, John
APPLICANT: Wolfe, Jia L.
APPLICANT: Roberts, Peter C.
APPLICANT: Hamlin, Jr., Henry A.
APPLICANT: Roberts, No. US20020081577A11 A.
APPLICANT: Walther, Debra M.
TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR
NUMBER OF SEQUENCES: 172
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hale and Dorr LLP
STREET: 60 State Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/887,505
FILING DATE:
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/471,968
FILING DATE: 06-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: HYZ-040CIP
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 526-6000
TELEFAX: (617) 526-5000
INFORMATION FOR SEQ ID NO: 154:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA/RNA
HYPOTHETICAL: NO
ANTI-SENSE: YES
US-08-887-505-154

Query Match 66.7%; Score 12; DB 2; Length 24;
Best Local Similarity 100.0%; Pred. No. 1.6e+03;
Matches 12; Conservative 0; Mismatches 0; Indels 0;
Gaps 0;

QY 1 GGGGUCCUGGAG 12
DB 7 GGGGUCCUGGAG 18

RESULT 121
US-08-887-505-155
Sequence 155, Application US/08887505
Publication No. US20020081577A1
GENERAL INFORMATION:
APPLICANT: Kilkuskie, Robert E.
APPLICANT: Frank, Bruce L.
APPLICANT: Goodchild, John
APPLICANT: Wolfe, Jia L.
APPLICANT: Roberts, Peter C.
APPLICANT: Hamlin, Jr., Henry A.
APPLICANT: Roberts, No. US20020081577A11 A.
APPLICANT: Walther, Debra M.
TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR

TITLE OF INVENTION: HEPATITIS C VIRUS
NUMBER OF SEQUENCES: 172
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hale and Dorr LLP
STREET: 60 State Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/887,505
FILING DATE:
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/471,968
FILING DATE: 06-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: HYZ-040CIP
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 526-6000
TELEFAX: (617) 526-5000
INFORMATION FOR SEQ ID NO: 155:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA/RNA
HYPOTHETICAL: NO
ANTI-SENSE: YES
US-08-887-505-155

Query Match 66.7%; Score 12; DB 2; Length 24;
Best Local Similarity 100.0%; Pred. No. 1.6e+03;
Matches 12; Conservative 0; Mismatches 0; Indels 0;
Gaps 0;

QY 1 GGGGUCCUGGAG 12
DB 13 GGGGUCCUGGAG 24

RESULT 122
US-08-887-505-156
Sequence 156, Application US/08887505
Publication No. US20020081577A1
GENERAL INFORMATION:
APPLICANT: Kilkuskie, Robert E.
APPLICANT: Frank, Bruce L.
APPLICANT: Goodchild, John
APPLICANT: Wolfe, Jia L.
APPLICANT: Roberts, Peter C.
APPLICANT: Hamlin, Jr., Henry A.
APPLICANT: Roberts, No. US20020081577A11 A.
APPLICANT: Walther, Debra M.
TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR
NUMBER OF SEQUENCES: 172
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hale and Dorr LLP
STREET: 60 State Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/887,505
FILING DATE:
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/471,968
FILING DATE: 06-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: HYZ-040CIP
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 526-6000
TELEFAX: (617) 526-5000
INFORMATION FOR SEQ ID NO: 156:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA/RNA
HYPOTHETICAL: NO
ANTI-SENSE: YES
US-08-887-505-156

Query Match 66.7%; Score 12; DB 2; Length 24;
Best Local Similarity 100.0%; Pred. No. 1.6e+03;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
Db 7 GGGGUCCUGGAG 18

RESULT 123
US-08-887-505-157
Sequence 157, Application US/08887505
Publication No. US20020081577A1
GENERAL INFORMATION:
APPLICANT: Kilkuskie, Robert E.
APPLICANT: Frank, Bruce L.
APPLICANT: Goodchild, John
APPLICANT: Wolfe, Jia L.
APPLICANT: Roberts, Peter C.
APPLICANT: Hamlin, Jr., Henry A.
APPLICANT: Roberts, No. US20020081577A1 A.
APPLICANT: Walther, Debra M.
TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR
TITLE OF INVENTION: HEPATITIS C VIRUS
NUMBER OF SEQUENCES: 172
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hale and Dorr LLP
STREET: 60 State Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/887,505
FILING DATE:
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/471,968
FILING DATE: 06-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: HYZ-040CIP
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 526-6000
TELEFAX: (617) 526-5000
INFORMATION FOR SEQ ID NO: 157:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single

NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: HYZ-040CIP
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 526-6000
TELEFAX: (617) 526-5000
INFORMATION FOR SEQ ID NO: 157:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA/RNA
HYPOTHETICAL: NO
ANTI-SENSE: YES
US-08-887-505-157

Query Match 66.7%; Score 12; DB 2; Length 24;
Best Local Similarity 100.0%; Pred. No. 1.6e+03;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
Db 7 GGGGUCCUGGAG 18

RESULT 124
US-08-887-505-158
Sequence 158, Application US/08887505
Publication No. US20020081577A1
GENERAL INFORMATION:
APPLICANT: Kilkuskie, Robert E.
APPLICANT: Frank, Bruce L.
APPLICANT: Goodchild, John
APPLICANT: Wolfe, Jia L.
APPLICANT: Roberts, Peter C.
APPLICANT: Hamlin, Jr., Henry A.
APPLICANT: Roberts, No. US20020081577A1 A.
APPLICANT: Walther, Debra M.
TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR
TITLE OF INVENTION: HEPATITIS C VIRUS
NUMBER OF SEQUENCES: 172
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hale and Dorr LLP
STREET: 60 State Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/887,505
FILING DATE:
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/471,968
FILING DATE: 06-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: HYZ-040CIP
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 526-6000
TELEFAX: (617) 526-5000
INFORMATION FOR SEQ ID NO: 158:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single

; TOPOLOGY: linear
; MOLECULE TYPE: DNA/RNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
US-08-887-505-158

Query Match 66.7%; Score 12; DB 2; Length 24;
Best Local Similarity 100.0%; Pred. No. 1.6e+03;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
|:|||||
Db 7 GGGGUCCUGGAG 18

RESULT 125

US-10-098-263B-87040/c
; Sequence 87040, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; PRIOR FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 87040
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-87040

Query Match 66.7%; Score 12; DB 5; Length 25;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
|:|||||
Db 24 GGGGTCTGGAG 13

RESULT 126

US-10-291-230-39/c
; Sequence 39, Application US/10291230
; Publication No. US20030108939A1
; GENERAL INFORMATION:
; APPLICANT: Ruffner, Duane E.
; APPLICANT: Pierce, Michael L.
; APPLICANT: Chen, Zhidong
; TITLE OF INVENTION: Directed Antisense Libraries
; FILE REFERENCE: T6678.US.A
; CURRENT APPLICATION NUMBER: US/10/291,230
; CURRENT FILING DATE: 2002-11-07
; PRIOR APPLICATION NUMBER: US 09/647,344
; PRIOR FILING DATE: 2000-12-04
; PRIOR APPLICATION NUMBER: PCT/US99/06742
; PRIOR FILING DATE: 1999-03-28
; PRIOR APPLICATION NUMBER: US 60/079,792
; PRIOR FILING DATE: 1998-03-28
; PRIOR APPLICATION NUMBER: US 60/107,504
; PRIOR FILING DATE: 1998-11-06
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 39
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: 14 bp variable sequence fragment of a deletion library including
; OTHER INFORMATION: flanking portions of multiple cloning site.

; FEATURE:
; NAME/KEY: misc.feature
; LOCATION: (6)..(19)
; OTHER INFORMATION: The "n" in the sequence means a or g or c or t/u.
US-10-291-230-39

Query Match 66.7%; Score 12; DB 5; Length 25;
Best Local Similarity 91.7%; Pred. No. 1.6e+03;
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 7 CUGGAGNNNNN 18
|:|||||
Db 25 CTGGAGNNNNN 14

RESULT 127

US-10-291-230-47/c
; Sequence 47, Application US/10291230
; Publication No. US20030108939A1
; GENERAL INFORMATION:
; APPLICANT: Ruffner, Duane E.
; APPLICANT: Pierce, Michael L.
; APPLICANT: Chen, Zhidong
; TITLE OF INVENTION: Directed Antisense Libraries
; FILE REFERENCE: T6678.US.A
; CURRENT APPLICATION NUMBER: US/10/291,230
; CURRENT FILING DATE: 2002-11-07
; PRIOR APPLICATION NUMBER: US 09/647,344
; PRIOR FILING DATE: 2000-12-04
; PRIOR APPLICATION NUMBER: PCT/US99/06742
; PRIOR FILING DATE: 1999-03-28
; PRIOR APPLICATION NUMBER: US 60/079,792
; PRIOR FILING DATE: 1998-03-28
; PRIOR APPLICATION NUMBER: US 60/107,504
; PRIOR FILING DATE: 1998-11-06
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 47
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Sequence flanking the chloramphenicol (CAT) gene after insertion
; OTHER INFORMATION: into the antisense library.
; FEATURE:
; NAME/KEY: misc.feature
; LOCATION: (14)..(19)
; OTHER INFORMATION: The "n" in the sequence means a or g or c or t.
US-10-291-230-47

Query Match 66.7%; Score 12; DB 5; Length 25;
Best Local Similarity 91.7%; Pred. No. 1.6e+03;
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 7 CUGGAGNNNNN 18
|:|||||
Db 25 CTGGAGNNNNN 14

RESULT 128

US-10-291-249-39/c
; Sequence 39, Application US/10291249
; Publication No. US20030119041A1
; GENERAL INFORMATION:
; APPLICANT: Ruffner, Duane E.
; APPLICANT: Pierce, Michael L.
; APPLICANT: Chen, Zhidong
; TITLE OF INVENTION: Directed Antisense Libraries
; FILE REFERENCE: T6678.US.B
; CURRENT APPLICATION NUMBER: US/10/291,249
; CURRENT FILING DATE: 2002-11-07
; PRIOR APPLICATION NUMBER: US 09/647,344
; PRIOR FILING DATE: 2000-12-04

;; PRIOR APPLICATION NUMBER: PCT/US99/06742
;; PRIOR FILING DATE: 1999-03-28
;; PRIOR APPLICATION NUMBER: US 60/079,792
;; PRIOR FILING DATE: 1998-03-28
;; PRIOR APPLICATION NUMBER: US 60/107,504
;; PRIOR FILING DATE: 1998-11-06
;; NUMBER OF SEQ ID NOS: 50
;; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 39
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: 14 bp variable sequence fragment of a deletion library including
; flanking portions of multiple cloning site.
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (6)..(19)
; OTHER INFORMATION: The "n" in the sequence means a or g or c or t/u.
US-10-291-249-39

Query Match 66.7%; Score 12; DB 6; Length 25;
Best Local Similarity 91.7%; Pred. No. 1.6e+03;
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 7 CUGGAGNNNNN 18
|:|||||
Db 25 CTGGAGNNNN 14

RESULT 129

US-10-291-249-47/c
; Sequence 47, Application US/10291249
; Publication No. US20030119041A1
; GENERAL INFORMATION:
; APPLICANT: Ruffner, Duane E.
; APPLICANT: Pierce, Michael L.
; APPLICANT: Chen, Zhidong
; TITLE OF INVENTION: Directed Antisense Libraries
; FILE REFERENCE: T6678.US.B
; CURRENT APPLICATION NUMBER: US/10/291,249
; CURRENT FILING DATE: 2002-11-07
; PRIOR APPLICATION NUMBER: US 09/647,344
; PRIOR FILING DATE: 2000-12-04
; PRIOR APPLICATION NUMBER: PCT/US99/06742
; PRIOR FILING DATE: 1999-03-28
; PRIOR APPLICATION NUMBER: US 60/079,792
; PRIOR FILING DATE: 1998-03-28
; PRIOR APPLICATION NUMBER: US 60/107,504
; PRIOR FILING DATE: 1998-11-06
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 47
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Sequence flanking the chloramphenicol (CAT) gene after insertion
; into the antisense library.
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (14)..(19)
; OTHER INFORMATION: The "n" in the sequence means a or g or c or t.
US-10-291-249-47

Query Match 66.7%; Score 12; DB 6; Length 25;
Best Local Similarity 91.7%; Pred. No. 1.6e+03;
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 7 CUGGAGNNNNN 18
|:|||||
Db 25 CTGGAGNNNNN 14

RESULT 130
US-10-956-140305/c
; Sequence 140305, Application US/10719956
; Publication No. US20040146910A1
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527.1
; CURRENT APPLICATION NUMBER: US/10/719,956
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,836
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 140305
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-10-719-956-140305

Query Match 66.7%; Score 12; DB 7; Length 25;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
||||:|
Db 16 GGGGTCTGGAG 5

RESULT 131

US-10-719-900-205441/c
; Sequence 205441, Application US/10719900
; Publication No. US20050026164A1
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528.1
; CURRENT APPLICATION NUMBER: US/10/719,900
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,808
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 205441
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-719-900-205441

Query Match 66.7%; Score 12; DB 8; Length 25;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
||||:|
Db 22 GGGGTCTGGAG 11

RESULT 132

US-10-956-157-225648
; Sequence 225648, Application US/10956157
; Publication No. US20050118625A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William
; TITLE OF INVENTION: HUMAN ACID ARRAYS FOR DETECTING GENE EXPRESSION ASSOCIATED WITH
; NUCLEIC ACID ARRAYS FOR DETECTING GENE EXPRESSION ASSOCIATED WITH
; FILE REFERENCE: 031896-043000 (AM 101081)
; CURRENT APPLICATION NUMBER: US/10/956,157
; CURRENT FILING DATE: 2004-10-04
; NUMBER OF SEQ ID NOS: 319805
; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 225648
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Probe Sequence
US-10-956-157-225648

Query Match 66.7%; Score 12; DB 9; Length 25;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
||||:|||||
Db 5 GGGGTCCTGGAG 16

RESULT 133

US-10-956-157-292659
; Sequence 292659, Application US/10956157
; Publication No. US20050118625A1
; GENERAL INFORMATION:

; APPLICANT: Wyeth
; TITLE OF INVENTION: Mounts, William
; TITLE OF INVENTION: NUCLEIC ACID ARRAYS FOR DETECTING GENE EXPRESSION ASSOCIATED WITH
; FILE REFERENCE: HUMAN OSTEOARTHRITIS AND HUMAN PROTEASES
; FILE REFERENCE: 031896-043000 (AM 101081)
; CURRENT APPLICATION NUMBER: US/10/956,157
; CURRENT FILING DATE: 2004-10-04
; NUMBER OF SEQ ID NOS: 319805
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 292659
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Probe Sequence
US-10-956-157-292659

Query Match 66.7%; Score 12; DB 9; Length 25;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
||||:|||||
Db 14 GGGGTCCTGGAG 25

RESULT 134

US-11-036-317-543704/c
; Sequence 543704, Application US/11036317
; Publication No. US20050214823A1
; GENERAL INFORMATION:

; APPLICANT: Williams, Alan
; APPLICANT: Blume, John
; TITLE OF INVENTION: Method of Analysis of Alternative Splicing in Mouse
; FILE REFERENCE: 3654.1
; CURRENT APPLICATION NUMBER: US/11/036,317
; PRIOR FILING DATE: 2005-01-13
; PRIOR APPLICATION NUMBER: US 60/536,639
; PRIOR FILING DATE: 2004-01-13
; NUMBER OF SEQ ID NOS: 991174
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 543704
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-11-036-317-543704

Query Match 66.7%; Score 12; DB 10; Length 25;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
||||:|||||
Db 24 GGGGTCCTGGAG 13

RESULT 135

US-10-053-883-12
; Sequence 12, Application US/10053883
; Publication No. US20030113737A1
; GENERAL INFORMATION:

; APPLICANT: PEDERSEN, Morten Lorentz
; TITLE OF INVENTION: ASSAY AND KIT FOR ANALYZING GENE EXPRESSION
; FILE REFERENCE: PEDERSEN=1A
; CURRENT APPLICATION NUMBER: US/10/053,883
; CURRENT FILING DATE: 2002-01-02
; PRIOR APPLICATION NUMBER: PA 2001 00126
; PRIOR FILING DATE: 2001-01-24
; PRIOR APPLICATION NUMBER: US 60/267,704
; PRIOR FILING DATE: 2001-02-12
; NUMBER OF SEQ ID NOS: 148
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 12
; LENGTH: 27
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(27)
; OTHER INFORMATION: n is a, c, g or t
US-10-053-883-12

Query Match 66.7%; Score 12; DB 5; Length 27;
Best Local Similarity 91.7%; Pred. No. 1.6e+03;
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 7 CUGGAGNNNNN 18
|:|||||
Db 5 CTGGAGNNNNN 16

RESULT 136

US-10-053-883-13/c
; Sequence 13, Application US/10053883
; Publication No. US20030113737A1
; GENERAL INFORMATION:

; APPLICANT: PEDERSEN, Morten Lorentz
; TITLE OF INVENTION: ASSAY AND KIT FOR ANALYZING GENE EXPRESSION
; FILE REFERENCE: PEDERSEN=1A
; CURRENT APPLICATION NUMBER: US/10/053,883
; CURRENT FILING DATE: 2002-01-02
; PRIOR APPLICATION NUMBER: PA 2001 00126
; PRIOR FILING DATE: 2001-01-24
; PRIOR APPLICATION NUMBER: US 60/267,704
; PRIOR FILING DATE: 2001-02-12
; NUMBER OF SEQ ID NOS: 148
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 13
; LENGTH: 27
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic
; NAME/KEY: misc_feature
; LOCATION: (1)..(17)
; OTHER INFORMATION: n is a, c, g or t
US-10-053-883-13

Query Match 66.7%; Score 12; DB 5; Length 27;
Best Local Similarity 91.7%; Pred. No. 1.6e+03;
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 7 CUGGAGNNNNN 18
|:|||||
Db 23 CTGGAGNNNNN 12

RESULT 137

US-09-935-338-192/c

Sequence 192, Application US/09935338

Publication No. US20030073081A1

GENERAL INFORMATION:

APPLICANT: MUKAI, Hiroyuki

APPLICANT: SAGAWA, Hiroaki

APPLICANT: UEMORI, Takaashi

APPLICANT: YAMAMOTO, Junko

APPLICANT: TOMONO, Jun

APPLICANT: KOBAYASHI, Eiji

APPLICANT: ENOKI, Tatsuji

APPLICANT: TAKEDA, Osamu

APPLICANT: MIYAKE, Kazue

APPLICANT: SATO, Yoshimi

APPLICANT: MORIYAMA, Mariko

APPLICANT: SAWARAGI, Haruhisa

APPLICANT: HAGIYA, Michio

APPLICANT: ASADA, Kiyozo

APPLICANT: KATO, Ikunoshin

TITLE OF INVENTION: A method for amplification of nucleic acids

FILE REFERENCE: MUKAI-1

CURRENT APPLICATION NUMBER: US/09/935,338

CURRENT FILING DATE: 2001-08-23

PRIOR APPLICATION NUMBER: JP11-076966

PRIOR FILING DATE: 1999-03-19

PRIOR APPLICATION NUMBER: JP11-370035

PRIOR FILING DATE: 1999-12-27

PRIOR APPLICATION NUMBER: JP2000-251981

PRIOR FILING DATE: 2000-08-23

PRIOR APPLICATION NUMBER: JP2000-284419

PRIOR FILING DATE: 2000-09-19

PRIOR APPLICATION NUMBER: JP2000-288750

PRIOR FILING DATE: 2000-09-22

PRIOR APPLICATION NUMBER: JP2001-104191

PRIOR FILING DATE: 2001-04-03

PRIOR APPLICATION NUMBER: PCT/JP00/01534

PRIOR FILING DATE: 2000-03-14

NUMBER OF SEQ ID NOS: 290

SOFTWARE: PatentIn version 3.2

SEQ ID NO 192

LENGTH: 30

TYPE: DNA

ORGANISM: Artificial

FEATURE:

OTHER INFORMATION: Designed oligonucleotide probe to detect a DNA fragment amplifying

OTHER INFORMATION: portion of HCV.

US-09-935-338-192

```

Query Match      66.7%; Score 12; DB 3; Length 30;
Best Local Similarity 83.3%; Pred.No. 1.5e+03;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      1 GGGGUCCUGGAG 12
        |||||:||||
Db      30 GGGGTCCTGGAG 19

```

RESULT 138
US-10-929-759-192/c
; Sequence 192, Application US/10929759
; Publication No. US20050123950A1
; GENERAL INFORMATION:
; APPLICANT: MUKAI, Hiroyuki
; APPLICANT: SAGAWA, Hiroaki
; APPLICANT: UEMORI, Takashi
; APPLICANT: YAMAMOTO, Junko
; APPLICANT: TOMONO, Jun
; APPLICANT: KOHAYASHI, Ei-ji
; APPLICANT: ENOKI, Tatsuji
; APPLICANT: TAKEEDA, Osamu

```

1  ; APPLICANT: MIYAKE, Kazuo
2  ; APPLICANT: SATO, Yoshiaki
3  ; APPLICANT: MORIYAMA, Mariko
4  ; APPLICANT: SAWARAGI, Haruhisa
5  ; APPLICANT: HAGIYA, Michio
6  ; APPLICANT: ASADA, Kiyozo
7  ; APPLICANT: KATO, Ikunoshin
8  ; TITLE OF INVENTION: A method for amplification of nucleic acids
9  ; FILE REFERENCE: MUKAI-1
10 ; CURRENT APPLICATION NUMBER: US/10/929,759
11 ; CURRENT FILING DATE: 2004-08-31
12 ; PRIOR APPLICATION NUMBER: US/09/935,338
13 ; PRIOR FILING DATE: 2001-08-23
14 ; PRIOR APPLICATION NUMBER: JP11-076966
15 ; PRIOR FILING DATE: 1999-03-19
16 ; PRIOR APPLICATION NUMBER: JP11-370035
17 ; PRIOR FILING DATE: 1999-12-27
18 ; PRIOR APPLICATION NUMBER: JP2000-251981
19 ; PRIOR FILING DATE: 2000-08-23
20 ; PRIOR APPLICATION NUMBER: JP2000-284419
21 ; PRIOR FILING DATE: 2000-09-19
22 ; PRIOR APPLICATION NUMBER: JP2000-288750
23 ; PRIOR FILING DATE: 2000-09-22
24 ; PRIOR APPLICATION NUMBER: JP2001-104191
25 ; PRIOR FILING DATE: 2001-04-03
26 ; PRIOR APPLICATION NUMBER: PCT/JP00/01534
27 ; PRIOR FILING DATE: 2000-03-14
28 ; NUMBER OF SEQ ID NOS: 290
29 ; SOFTWARE: PatentIn version 3.2
30 ; SEQ ID NO 192
31 ; LENGTH: 30
32 ; TYPE: DNA
33 ; ORGANISM: Artificial
34 ; FEATURE:
35 ; OTHER INFORMATION: Designed oligonucleotide probe to detect a I
36 ; OTHER INFORMATION: portion of HCV.
37 ; US-10-929-759-192

```

```

Query Match      66.7%; Score 12; DB 9; Length 30;
Best Local Similarity 83.3%; Pred. No. 1.Se+03;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      1 GGGGCUCCUGGAG 12
          |||||:||||
Db      30 GGGGTCTCTGGAG 19

```

RESULT 139
US-10-973-919-192/c
; Sequence 192, Application US/10973919
; Publication No. US20050239100A1
; GENERAL INFORMATION:
; APPLICANT: MUKAI, Hiroyuki
; APPLICANT: SAGAWA, Hiroaki
; APPLICANT: UEMORI, Takashi
; APPLICANT: YAMAMOTO, Junko
; APPLICANT: TOMONO, Jun
; APPLICANT: KOBAYASHI, Ei-ji
; APPLICANT: ENOKI, Tatsuji
; APPLICANT: TAKEDA, Osamu
; APPLICANT: MIYAKE, Kazuo
; APPLICANT: SATO, Yoshimi
; APPLICANT: MORIYAMA, Maruko
; APPLICANT: SAWARAGI, Haruhisa
; APPLICANT: HAGIYA, Michio
; APPLICANT: ASADA, Kiyo-ozo
; APPLICANT: KATO, Ikunoshin
; TITLE OF INVENTION: A method for amplification of nucleic acids
; FILE REFERENCE: MUKAI-1
; CURRENT APPLICATION NUMBER: US/10/973,919
; CURRENT FILING DATE: 2004-10-27
; PRIOR APPLICATION NUMBER: US/09/935,338
; PRIOR FILING DATE: 2001-08-23

```
; PRIOR APPLICATION NUMBER: JP11-076966
; PRIOR FILING DATE: 1999-03-19
; PRIOR APPLICATION NUMBER: JP11-370035
; PRIOR FILING DATE: 1999-12-27
; PRIOR APPLICATION NUMBER: JP2000-251981
; PRIOR FILING DATE: 2000-08-23
; PRIOR APPLICATION NUMBER: JP2000-284419
; PRIOR FILING DATE: 2000-09-19
; PRIOR APPLICATION NUMBER: JP2000-288750
; PRIOR FILING DATE: 2000-09-22
; PRIOR APPLICATION NUMBER: JP2001-104191
; PRIOR FILING DATE: 2001-04-03
; PRIOR APPLICATION NUMBER: PCT/JP00/01534
; PRIOR FILING DATE: 2000-03-14
; NUMBER OF SEQ ID NOS: 290
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 192
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Designed oligonucleotide probe to detect a DNA fragment amplifying
; OTHER INFORMATION: portion of HCV.
US-10-973-919-192

Query Match          66.7%; Score 12; DB 9; Length 30;
Best Local Similarity 83.3%; Pred. No. 1.5e+03;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      1 GGGGUCCUGGAG 12
Db      30 GGGGCTCTGGAG 19

RESULT 140
US-10-169-371-71
; Sequence 71, Application US/10169371
; Publication No. US20030175729A1
; GENERAL INFORMATION:
; APPLICANT: VAN EIJK, Michael Josephus Theresia
; APPLICANT: HOGERS, Rene Cornelis Josephus
; APPLICANT: HEIJNEN, Leo
; TITLE OF INVENTION: Method for generating oligonucleotides, in particular for the
; TITLE OF INVENTION: detection of amplified restriction fragments obtained using AFLP
; FILE REFERENCE: VAN EIJK-2
; CURRENT APPLICATION NUMBER: US/10/169,371
; PRIOR FILING DATE: 2002-07-01
; PRIOR APPLICATION NUMBER: EPC 99204614.4
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: PCT/NL00/00963
; PRIOR FILING DATE: 2000-12-28
; NUMBER OF SEQ ID NOS: 95
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 71
; LENGTH: 36
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: synthetic
; NAME/KEY: misc feature
; LOCATION: (1)..(16)
; OTHER INFORMATION: n is a, c, g, or t
; NAME/KEY: misc feature
; LOCATION: (23)..(36)
; OTHER INFORMATION: n is a, c, g, or t
US-10-169-371-71

Query Match          66.7%; Score 12; DB 6; Length 36;
Best Local Similarity 91.7%; Pred. No. 1.5e+03;
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      7 CUGGAGNNNNN 18
Db      17 CTGGAGNNNNN 28

RESULT 142
US-10-291-230-48/c
; Sequence 48, Application US/10291230
; Publication No. US20030108939A1
; GENERAL INFORMATION:
; APPLICANT: Ruffner, Duane E.
; APPLICANT: Pierce, Michael L.
; APPLICANT: Chen, Zhidong
; TITLE OF INVENTION: Directed Antisense Libraries
; FILE REFERENCE: T6678.US.A
; CURRENT APPLICATION NUMBER: US/10/291,230
; CURRENT FILING DATE: 2002-11-07
; PRIOR APPLICATION NUMBER: US 09/647,344
; PRIOR FILING DATE: 2000-12-04
; PRIOR APPLICATION NUMBER: PCT/US99/06742
; PRIOR FILING DATE: 1999-03-28
; PRIOR APPLICATION NUMBER: US 60/079,792
; PRIOR FILING DATE: 1998-03-28
; PRIOR APPLICATION NUMBER: US 60/107,504
; PRIOR FILING DATE: 1998-11-06
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 48
; LENGTH: 46
```

```
QY      7 CUGGAGNNNNN 18
Db      17 CTGGAGNNNNN 28

RESULT 141
US-10-169-371-79
; Sequence 79, Application US/10169371
; Publication No. US20030175729A1
; GENERAL INFORMATION:
; APPLICANT: VAN EIJK, Michael Josephus Theresia
; APPLICANT: HOGERS, Rene Cornelis Josephus
; APPLICANT: HEIJNEN, Leo
; TITLE OF INVENTION: Method for generating oligonucleotides, in particular for the
; TITLE OF INVENTION: detection of amplified restriction fragments obtained using AFLP
; FILE REFERENCE: VAN EIJK-2
; CURRENT APPLICATION NUMBER: US/10/169,371
; CURRENT FILING DATE: 2002-07-01
; PRIOR APPLICATION NUMBER: EPC 99204614.4
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: PCT/NL00/00963
; PRIOR FILING DATE: 2000-12-28
; NUMBER OF SEQ ID NOS: 95
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 79
; LENGTH: 36
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: synthetic
; NAME/KEY: misc feature
; LOCATION: (1)..(16)
; OTHER INFORMATION: n is a, c, g, or t
; NAME/KEY: misc feature
; LOCATION: (23)..(36)
; OTHER INFORMATION: n is a, c, g, or t
US-10-169-371-79

Query Match          66.7%; Score 12; DB 6; Length 36;
Best Local Similarity 91.7%; Pred. No. 1.5e+03;
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      7 CUGGAGNNNNN 18
Db      17 CTGGAGNNNNN 28

RESULT 142
US-10-291-230-48/c
; Sequence 48, Application US/10291230
; Publication No. US20030108939A1
; GENERAL INFORMATION:
; APPLICANT: Ruffner, Duane E.
; APPLICANT: Pierce, Michael L.
; APPLICANT: Chen, Zhidong
; TITLE OF INVENTION: Directed Antisense Libraries
; FILE REFERENCE: T6678.US.A
; CURRENT APPLICATION NUMBER: US/10/291,230
; CURRENT FILING DATE: 2002-11-07
; PRIOR APPLICATION NUMBER: US 09/647,344
; PRIOR FILING DATE: 2000-12-04
; PRIOR APPLICATION NUMBER: PCT/US99/06742
; PRIOR FILING DATE: 1999-03-28
; PRIOR APPLICATION NUMBER: US 60/079,792
; PRIOR FILING DATE: 1998-03-28
; PRIOR APPLICATION NUMBER: US 60/107,504
; PRIOR FILING DATE: 1998-11-06
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 48
; LENGTH: 46
```

```
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Hammerhead ribozyme library with flanking sequences.
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (6)..(12)
/ OTHER INFORMATION: The "n" in the sequence means a o r g o r c o r t.
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (35)..(40)
/ OTHER INFORMATION: The "n" in the sequence means a o r g o r c o r t.
US-10-291-230-48

Query Match          66.7%; Score 12; DB 5; Length 46;
Best Local Similarity 91.7%; Pred. No. 1.4e+03;
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 7 CUGGAGNNNNNN 18
Db 46 CTGGAGNNNNNN 35

RESULT 143
US-10-291-249-48/c
/ Sequence 48, Application US/10291249
/ Publication No. US20030119041A1
/ GENERAL INFORMATION:
/ APPLICANT: Ruffner, Duane E.
/ APPLICANT: Pierce, Michael L.
/ APPLICANT: Chen, Zhidong
/ TITLE OF INVENTION: Directed Antisense Libraries
/ FILE REFERENCE: T6678.US.B
/ CURRENT APPLICATION NUMBER: US/10/291,249
/ PRIOR FILING DATE: 2002-11-07
/ PRIOR APPLICATION NUMBER: US 09/647,344
/ PRIOR FILING DATE: 2000-12-04
/ PRIOR APPLICATION NUMBER: PCT/US99/06742
/ PRIOR FILING DATE: 1998-03-28
/ PRIOR APPLICATION NUMBER: US 60/079,792
/ PRIOR FILING DATE: 1998-03-28
/ PRIOR APPLICATION NUMBER: US 60/107,504
/ PRIOR FILING DATE: 1998-11-06
/ NUMBER OF SEQ ID NOS: 50
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 48
/ LENGTH: 46
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Hammerhead ribozyme library with flanking sequences.
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (6)..(12)
/ OTHER INFORMATION: The "n" in the sequence means a o r g o r c o r t.
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (35)..(40)
/ OTHER INFORMATION: The "n" in the sequence means a o r g o r c o r t.
US-10-291-249-48

Query Match          66.7%; Score 12; DB 6; Length 46;
Best Local Similarity 91.7%; Pred. No. 1.4e+03;
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 7 CUGGAGNNNNNN 18
Db 46 CTGGAGNNNNNN 35

RESULT 144
US-10-349-143-2597
/ Sequence 2597, Application US/10349143
```

```
/ Publication No. US20040005584A1
/ GENERAL INFORMATION:
/ APPLICANT: Cohen, Daniel
/ APPLICANT: Blumenfeld, Marta
/ APPLICANT: Chumakov, Ilya
/ TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
/ FILE REFERENCE: GENSET.020CPI
/ CURRENT APPLICATION NUMBER: US/10/349,143
/ CURRENT FILING DATE: 2003-01-21
/ PRIOR APPLICATION NUMBER: US/09/422,978
/ PRIOR FILING DATE: 1999-10-20
/ PRIOR APPLICATION NUMBER: EARLIER FILING DATE: 1999-04-21
/ PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
/ PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
/ PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
/ PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
/ PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
/ NUMBER OF SEQ ID NOS: 11796
/ SEQ ID NO 2597
/ LENGTH: 47
/ TYPE: DNA
/ ORGANISM: Homo Sapiens
/ FEATURE:
/ NAME/KEY: allele
/ LOCATION: 24
/ OTHER INFORMATION: 99-1211-59 : polymorphic base C or T
US-10-349-143-2597

Query Match          66.7%; Score 12; DB 6; Length 47;
Best Local Similarity 83.3%; Pred. No. 1.4e+03;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
Db 25 GGGGTCTCGGAG 36

RESULT 145
US-10-156-306-7157
/ Sequence 7157, Application US/10156306
/ Publication No. US20030119017A1
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ APPLICANT: McSwiggen, James
/ TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
/ TITLE OF INVENTION: Levels of IKK-Gamma and PKR
/ FILE REFERENCE: MBHB01-664-A (400/050)
/ CURRENT APPLICATION NUMBER: US/10/156,306
/ CURRENT FILING DATE: 2002-05-28
/ NUMBER OF SEQ ID NOS: 8013
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 7157
/ LENGTH: 48
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Enzymatic Nucleic Acid
US-10-156-306-7157

Query Match          66.7%; Score 12; DB 5; Length 48;
Best Local Similarity 100.0%; Pred. No. 1.4e+03;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
Db 1 GGGGUCCUGGAG 12

RESULT 146
US-10-322-138-6/c
/ Sequence 6, Application US/10322138
/ Publication No. US20030175765A1
/ GENERAL INFORMATION:
```



```
; APPLICANT: Kessler, Christoph
; APPLICANT: Haberhausen, Gerd
; APPLICANT: Bartl, Knut
; APPLICANT: Orum, Henrik
; TITLE OF INVENTION: SPECIFIC AND SENSITIVE METHOD FOR DETECTING NUCLEIC ACIDS
; FILE REFERENCE: 4817/OQ
; CURRENT APPLICATION NUMBER: US/10/322,138
; PRIOR FILING DATE: 2002-12-17
; PRIOR APPLICATION NUMBER: US/09/530,746B
; PRIOR FILING DATE: 2000-11-16
; NUMBER OF SEQ ID NOS: 95
; SOFTWARE: PatentIn Version 3.1
; SEQ ID NO 6
; LENGTH: 48
; TYPE: DNA
; ORGANISM: HCV
US-10-322-138-6

Query Match          66.7%; Score 12; DB 6; Length 48;
Best Local Similarity 83.3%; Pred. No. 1.4e+03;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
Db 31 GGGGTCTGGAG 20
||||:|||||

RESULT 147
US-10-322-138-7/c
; Sequence 7, Application US/10322138
; Publication No. US20030175765A1
; GENERAL INFORMATION:
; APPLICANT: Kessler, Christoph
; APPLICANT: Haberhausen, Gerd
; APPLICANT: Bartl, Knut
; APPLICANT: Orum, Henrik
; TITLE OF INVENTION: SPECIFIC AND SENSITIVE METHOD FOR DETECTING NUCLEIC ACIDS
; FILE REFERENCE: 4817/OQ
; CURRENT APPLICATION NUMBER: US/10/322,138
; CURRENT FILING DATE: 2002-12-17
; PRIOR APPLICATION NUMBER: US/09/530,746B
; PRIOR FILING DATE: 2000-11-16
; NUMBER OF SEQ ID NOS: 95
; SOFTWARE: PatentIn Version 3.1
; SEQ ID NO 7
; LENGTH: 48
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-322-138-7

Query Match          66.7%; Score 12; DB 6; Length 48;
Best Local Similarity 83.3%; Pred. No. 1.4e+03;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
Db 31 GGGGTCTGGAG 20
||||:|||||

RESULT 148
US-10-842-741B-1
; Sequence 1, Application US/10842741B
; Publication No. US20050164214A1
; GENERAL INFORMATION:
; APPLICANT: Pruitt, Steven et al
; TITLE OF INVENTION: Improved Methods For Protein Interaction Determination
; FILE REFERENCE: 03551.0157
; CURRENT APPLICATION NUMBER: US/10/842,741B
; CURRENT FILING DATE: 2004-05-10
; PRIOR APPLICATION NUMBER: US/60/469,342
; PRIOR FILING DATE: 2003-05-09
; NUMBER OF SEQ ID NOS: 23
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1
```

```
; LENGTH: 48
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: n
; LOCATION: 43-48
; OTHER INFORMATION: n is g,a,t or c; pAct2 lox71 MAGE/6 Primer
US-10-842-741B-1

Query Match          66.7%; Score 12; DB 9; Length 48;
Best Local Similarity 91.7%; Pred. No. 1.4e+03;
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 7 CUGGAGNNNNNN 18
Db 37 CTGGAGNNNNNN 48
|:|||||

RESULT 149
US-10-842-741B-2
; Sequence 2, Application US/10842741B
; Publication No. US20050164214A1
; GENERAL INFORMATION:
; APPLICANT: Pruitt, Steven et al
; TITLE OF INVENTION: Improved Methods For Protein Interaction Determination
; FILE REFERENCE: 03551.0157
; CURRENT APPLICATION NUMBER: US/10/842,741B
; CURRENT FILING DATE: 2004-05-10
; PRIOR APPLICATION NUMBER: US/60/469,342
; PRIOR FILING DATE: 2003-05-09
; NUMBER OF SEQ ID NOS: 23
; SEQ ID NO 2
; LENGTH: 48
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: n
; LOCATION: 43-48
; OTHER INFORMATION: n is g,a,t or c; PCD2 lox66 MAGE/6 Primer
US-10-842-741B-2

Query Match          66.7%; Score 12; DB 9; Length 48;
Best Local Similarity 91.7%; Pred. No. 1.4e+03;
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 7 CUGGAGNNNNNN 18
Db 37 CTGGAGNNNNNN 48
|:|||||

RESULT 150
US-10-461-790-141/c
; Sequence 141, Application US/10461790
; Publication No. US20040029111A1
; GENERAL INFORMATION:
; APPLICANT: Linnen, Jeffery M.
; APPLICANT: Kolk, Daniel P.
; APPLICANT: Dockter, Janel M.
; APPLICANT: Getman, Damon K.
; APPLICANT: Yoshimura, Tadashi
; APPLICANT: Ho-Sing-Loy, Marcy
; APPLICANT: Stringfellow, Leslie A.
; TITLE OF INVENTION: Compositions and Methods for Detecting
; TITLE OF INVENTION: Hepatitis B Virus
; FILE REFERENCE: GPI34-02.UT
; CURRENT APPLICATION NUMBER: US/10/461,790
; CURRENT FILING DATE: 2003-06-13
; PRIOR APPLICATION NUMBER: 60/389,393
; PRIOR FILING DATE: 2002-06-14
; NUMBER OF SEQ ID NOS: 142
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 141
; LENGTH: 86
```

```
; TYPE: DNA
; ORGANISM: Hepatitis C Virus
US-10-461-790-141

Query Match      66.7%; Score 12; DB 7; Length 86;
Best Local Similarity 83.3%; Pred. No. 1.2e+03;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
    |||||:||||
Db 32 GGGGTCTCTGGAG 21

RESULT 151
US-10-029-386-15052
; Sequence 15052, Application US/10029386
; Publication No. US20030194704A1
; GENERAL INFORMATION:
; APPLICANT: Rank, David R.
; APPLICANT: Penn, Sharron G.
; APPLICANT: Hanzel, David K.
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR C
; FILE REFERENCE: AEOMICA-X-2
; CURRENT APPLICATION NUMBER: US/10/029,386
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 34288
; SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
; SEQ ID NO 15052
; LENGTH: 97
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO AC024195.2
; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 0.99
; OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 1.1
; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 2.6
; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 1.1
; OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 1.1
; OTHER INFORMATION: EST_HUMAN HIT: ALS38246.1, EVALUE 1.80e+00
US-10-029-386-15052

Query Match      66.7%; Score 12; DB 6; Length 97;
Best Local Similarity 83.3%; Pred. No. 1.1e+03;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
    |||||:||||
Db 78 GGGGTCTCTGGAG 89

RESULT 152
US-10-029-386-14059/c
; Sequence 14059, Application US/10029386
; Publication No. US20030194704A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharron G.
; APPLICANT: Rank, David R.
; APPLICANT: Hanzel, David K.
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR C
; FILE REFERENCE: AEOMICA-X-2
; CURRENT APPLICATION NUMBER: US/10/029,386
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 34288
; SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
; SEQ ID NO 14059
; LENGTH: 124
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO AL136366.3
; OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 2
```

```
; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 1.3
; OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 1.2
; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 1.5
; OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 2.1
; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 1.6
; OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 1.6
; OTHER INFORMATION: NT HIT: gil5303560, EVALUE 1.60e+00
; OTHER INFORMATION: EST_HUMAN HIT: W90458.1, EVALUE 1.50e-01
; OTHER INFORMATION: SWISSPROT HIT: O15529, EVALUE 2.30e-01
US-10-029-386-14059

Query Match      66.7%; Score 12; DB 6; Length 124;
Best Local Similarity 83.3%; Pred. No. 1.1e+03;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
    |||||:||||
Db 34 GGGGTCTCTGGAG 23

RESULT 153
US-10-029-386-15594
; Sequence 15594, Application US/10029386
; Publication No. US20030194704A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharron G.
; APPLICANT: Rank, David R.
; APPLICANT: Hanzel, David K.
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR C
; FILE REFERENCE: AEOMICA-X-2
; CURRENT APPLICATION NUMBER: US/10/029,386
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 34288
; SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
; SEQ ID NO 15594
; LENGTH: 138
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO CHR19.1
; OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 0.83
; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 0.6
; OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 0.98
; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 0.6
; OTHER INFORMATION: SWISSPROT HIT: Q9ZSR8, EVALUE 5.20e-01
; OTHER INFORMATION: NT HIT: gil4786907, EVALUE 3.00e-67
; OTHER INFORMATION: EST_HUMAN HIT: BG479422.1, EVALUE 4.00e-67
US-10-029-386-15594

Query Match      66.7%; Score 12; DB 6; Length 138;
Best Local Similarity 83.3%; Pred. No. 1e+03;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
    |||||:||||
Db 113 GGGGTCTCTGGAG 124

RESULT 154
US-10-425-115-1205
; Sequence 1205, Application US/10425115
; Publication No. US20040214272A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa, Thomas J.
; APPLICANT: Kovalic, David K.
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
; FILE REFERENCE: 38-21(53222)B
; CURRENT APPLICATION NUMBER: US/10/425,115
; CURRENT FILING DATE: 2003-04-28
```

```
; NUMBER OF SEQ ID NOS: 369326
; SEQ ID NO 1205
; LENGTH: 168
; TYPE: DNA
; ORGANISM: Zea mays
; FEATURE:
; OTHER INFORMATION: Clone ID: MRT4577_101098C.1
US-10-425-115-1205

Query Match          66.7%; Score 12; DB 8; Length 168;
Best Local Similarity 83.3%; Pred. No. 1e+03;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      1 GGGGUCCUGGAG 12
      |||:|||||
Db      133 GGGGTCCTGGAG 144

RESULT 155
US-10-424-599-115511
; Sequence 115511, Application US/10424599
; Publication No. US20040031072A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa Thomas J
; APPLICANT: Kovalic David K
; APPLICANT: Zhou Yihua
; APPLICANT: Cao Yongwei
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
; FILE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53223)B
; CURRENT APPLICATION NUMBER: US/10/424,599
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 285684
; SEQ ID NO 115511
; LENGTH: 175
; TYPE: DNA
; ORGANISM: Glycine max
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT3847_75317C.1
US-10-424-599-115511

Query Match          66.7%; Score 12; DB 7; Length 175;
Best Local Similarity 83.3%; Pred. No. 9.9e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      1 GGGGUCCUGGAG 12
      |||:|||||
Db      140 GGGGTCCTGGAG 151

RESULT 156
US-09-294-121A-61/c
; Sequence 61, Application US/09294121A
; Patent No. US20020069422A1
; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
; APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
; TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
; TITLE OF INVENTION: ISOLATES
; NUMBER OF SEQUENCES: 97
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN & MUSERLIAN
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: 08/256,568
; FILING DATE: 18-JUL-1994
; APPLICATION NUMBER: PCT/EP93/03325
```

```
; APPLICATION NUMBER: US/09/294,121A
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION NUMBER: 08/256,568
; APPLICATION DATA:
; FILING DATE: 18-JUL-1994
; APPLICATION NUMBER: PCT/EP93/03325
; FILING DATE: 26-NOV-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP/93/402,129.6
; FILING DATE: 31-AUG-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP/92/403,222.0
; FILING DATE: 27-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: CHARLES A. MUSERLIAN
; REGISTRATION NUMBER: 19,683
; REFERENCE/DOCKET NUMBER: 410.004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 661-8000
; TELEFAX: (212) 661-8002
; INFORMATION FOR SEQ ID NO: 61:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 177 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; IMMEDIATE SOURCE:
; CLONE: be82 (also referred to as be99)
; POSITION IN GENOME:
; MAP POSITION: 5' untranslated region
US-09-294-121A-61

Query Match          66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 9.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      1 GGGGUCCUGGAG 12
      |||:|||||
Db      26 GGGGTCCTGGAG 15

RESULT 157
US-09-294-121A-67/c
; Sequence 67, Application US/09294121A
; Patent No. US20020069422A1
; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
; APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
; TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
; TITLE OF INVENTION: ISOLATES
; NUMBER OF SEQUENCES: 97
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN & MUSERLIAN
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/294,121A
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/256,568
; FILING DATE: 18-JUL-1994
; APPLICATION NUMBER: PCT/EP93/03325
```

;
; FILING DATE: 26-NOV-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP/93/402,129.6
; FILING DATE: 31-AUG-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP/92/403,222.0
; FILING DATE: 27-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: CHARLES A. MUSERLIAN
; REGISTRATION NUMBER: 19,683
; REFERENCE/DOCKET NUMBER: 410.004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 661-8000
; TELEFAX: (212) 661-8002
; INFORMATION FOR SEQ ID NO: 67:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 177 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; IMMEDIATE SOURCE:
; CLONE: gb48
; POSITION IN GENOME:
; MAP POSITION: 5' untranslated region
; US-09-294-121A-67

Query Match 66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 9.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
Db 26 GGGGTCCTGGAG 15

RESULT 158

US-09-294-121A-68/c
; Sequence 68, Application US/09294121A
; Patent No. US20020069422A1
; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
; APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
; TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
; TITLE OF INVENTION: ISOLATES
; NUMBER OF SEQUENCES: 97
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN & MUSERLIAN
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/294,121A
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/256,568
; FILING DATE: 18-JUL-1994
; APPLICATION NUMBER: PCT/EP93/03325
; FILING DATE: 26-NOV-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP/93/402,129.6
; FILING DATE: 31-AUG-1993
; APPLICATION NUMBER: PCT/EP93/03325
; FILING DATE: 26-NOV-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP/92/403,222.0
; FILING DATE: 27-NOV-1992
; NAME: CHARLES A. MUSERLIAN
; REGISTRATION NUMBER: 19,683
; REFERENCE/DOCKET NUMBER: 410.004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 661-8000
; TELEFAX: (212) 661-8002

;
; ATTORNEY/AGENT INFORMATION:
; NAME: CHARLES A. MUSERLIAN
; REGISTRATION NUMBER: 19,683
; REFERENCE/DOCKET NUMBER: 410.004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 661-8000
; TELEFAX: (212) 661-8002
; INFORMATION FOR SEQ ID NO: 68:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 177 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; IMMEDIATE SOURCE:
; CLONE: gb116
; POSITION IN GENOME:
; MAP POSITION: 5' untranslated region
; US-09-294-121A-68

Query Match 66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 9.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
Db 26 GGGGTCCTGGAG 15

RESULT 159

US-09-294-121A-69/c
; Sequence 69, Application US/09294121A
; Patent No. US20020069422A1
; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
; APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
; TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
; TITLE OF INVENTION: ISOLATES
; NUMBER OF SEQUENCES: 97
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN & MUSERLIAN
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/294,121A
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/256,568
; FILING DATE: 18-JUL-1994
; APPLICATION NUMBER: PCT/EP93/03325
; FILING DATE: 26-NOV-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP/93/402,129.6
; FILING DATE: 31-AUG-1993
; APPLICATION NUMBER: PCT/EP93/03325
; FILING DATE: 26-NOV-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP/92/403,222.0
; FILING DATE: 27-NOV-1992
; NAME: CHARLES A. MUSERLIAN
; REGISTRATION NUMBER: 19,683
; REFERENCE/DOCKET NUMBER: 410.004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 661-8000
; TELEFAX: (212) 661-8002

; INFORMATION FOR SEQ ID NO: 69:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 177 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cdna
; IMMEDIATE SOURCE:
; CLONE: gb569
; POSITION IN GENOME:
; MAP POSITION: 5', untranslated region
US-09-294-121A-69

Query Match 66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 9.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
|||:|:|
Db 26 GGGTCCTGGAG 15

RESULT 160

US-09-294-121A-70/c
; Sequence 70, Application US/09294121A
; Patent No. US20020069422A1

; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
; APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
; TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
; TITLE OF INVENTION: ISOLATES
; NUMBER OF SEQUENCES: 97

; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN & MUSERLIAN
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII

; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/294,121A
; FILING DATE:

; CLASSIFICATION:

; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/256,568

; FILING DATE: 18-JUL-1994

; APPLICATION NUMBER: PCT/EP93/03325

; FILING DATE: 26-NOV-1993

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: EP/93/402,129.6

; FILING DATE: 31-AUG-1993

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: EP/92/403,222.0

; FILING DATE: 27-NOV-1992

; ATTORNEY/AGENT INFORMATION:

; NAME: CHARLES A. MUSERLIAN

; REGISTRATION NUMBER: 19,683

; REFERENCE/DOCKET NUMBER: 410.004

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (212) 661-8000

; TELEFAX: (212) 661-8002

; INFORMATION FOR SEQ ID NO: 70:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 177 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: cdna

; IMMEDIATE SOURCE:
; CLONE: gb358
; POSITION IN GENOME:
; MAP POSITION: 5', untranslated region
US-09-294-121A-70

Query Match 66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 9.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
|||:|:|
Db 26 GGGTCCTGGAG 15

RESULT 161

US-09-294-121A-72/c
; Sequence 72, Application US/09294121A
; Patent No. US20020069422A1

; GENERAL INFORMATION:

; APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;

; APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO

; TITLE OF INVENTION: PROCESS FOR TYPING OF HCV

; TITLE OF INVENTION: ISOLATES

; NUMBER OF SEQUENCES: 97

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: BIERMAN & MUSERLIAN

; STREET: 600 THIRD AVENUE

; CITY: NEW YORK

; STATE: NEW YORK

; COUNTRY: USA

; ZIP: 10016

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: ASCII

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/294,121A

; FILING DATE:

; CLASSIFICATION:

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 08/256,568

; FILING DATE: 18-JUL-1994

; APPLICATION NUMBER: PCT/EP93/03325

; FILING DATE: 26-NOV-1993

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: EP/93/402,129.6

; FILING DATE: 31-AUG-1993

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: EP/92/403,222.0

; FILING DATE: 27-NOV-1992

; ATTORNEY/AGENT INFORMATION:

; NAME: CHARLES A. MUSERLIAN

; REGISTRATION NUMBER: 19,683

; REFERENCE/DOCKET NUMBER: 410.004

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (212) 661-8000

; TELEFAX: (212) 661-8002

; INFORMATION FOR SEQ ID NO: 72:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 177 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: cdna

; IMMEDIATE SOURCE:

; CLONE: cam600

; POSITION IN GENOME:

; MAP POSITION: 5', untranslated region
US-09-294-121A-72

Query Match

66.7%; Score 12; DB 3; Length 177;

Best Local Similarity 83.3%; Pred. No. 9.8e+02; Mismatches 2; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
Db 26 GGGGTCCTGGAG 15

RESULT 162

US-09-294-121A-73/c
; Sequence 73, Application US/09294121A
; Patent No. US20020069422A1
; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
; APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
; TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
; TITLE OF INVENTION: ISOLATES
; NUMBER OF SEQUENCES: 97
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN & MUSERLIAN
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/294,121A
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/256,568
; FILING DATE: 18-JUL-1994
; APPLICATION NUMBER: PCT/EP93/03325
; FILING DATE: 26-NOV-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP/93/402,129.6
; FILING DATE: 31-AUG-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP/92/403,222.0
; FILING DATE: 27-NOV-1992
; APPLICATION NUMBER: PCT/EP93/03325
; FILING DATE: 26-NOV-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP/93/402,129.6
; FILING DATE: 31-AUG-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP/92/403,222.0
; FILING DATE: 27-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: CHARLES A. MUSERLIAN
; REGISTRATION NUMBER: 19,683
; REFERENCE/DOCKET NUMBER: 410.004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 661-8000
; TELEFAX: (212) 661-8002
; INFORMATION FOR SEQ ID NO: 73:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 177 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cdna
; IMMEDIATE SOURCE:
; CLONE: cam736
; POSITION IN GENOME:
; MAP POSITION: 5', untranslated region
US-09-294-121A-73

Query Match 66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 9.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
Db 26 GGGGTCCTGGAG 15

RESULT 163

US-09-294-121A-74/c
; Sequence 74, Application US/09294121A
; Patent No. US20020069422A1
; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
; APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
; TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
; TITLE OF INVENTION: ISOLATES
; NUMBER OF SEQUENCES: 97
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN & MUSERLIAN
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/294,121A
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/256,568
; FILING DATE: 18-JUL-1994
; APPLICATION NUMBER: PCT/EP93/03325
; FILING DATE: 26-NOV-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP/93/402,129.6
; FILING DATE: 31-AUG-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP/92/403,222.0
; FILING DATE: 27-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: CHARLES A. MUSERLIAN
; REGISTRATION NUMBER: 19,683
; REFERENCE/DOCKET NUMBER: 410.004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 661-8000
; TELEFAX: (212) 661-8002
; INFORMATION FOR SEQ ID NO: 74:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 177 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cdna
; IMMEDIATE SOURCE:
; CLONE: gb809
; POSITION IN GENOME:
; MAP POSITION: 5', untranslated region
US-09-294-121A-74

Query Match 66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 9.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
Db 26 GGGGTCCTGGAG 15

RESULT 164

US-09-294-121A-75/c
; Sequence 75, Application US/09294121A
; Patent No. US20020069422A1
; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;

APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
NUMBER OF SEQUENCES: 97
CORRESPONDENCE ADDRESS:
ADDRESSEE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/294,121A
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/256,568
FILING DATE: 18-JUL-1994
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 27-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 410,004
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 661-8000
TELEFAX: (212) 661-8002
INFORMATION FOR SEQ ID NO: 75:
SEQUENCE CHARACTERISTICS:
LENGTH: 177 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
IMMEDIATE SOURCE:
CLONE: gb487
POSITION IN GENOME:
MAP POSITION: 5' untranslated region
US-09-294-121A-75

Query Match 66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 9.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
Db 26 GGGGTCTCGAG 15
||||:|||||

RESULT 165

US-09-294-121A-76/c
Sequence 76, Application US/09294121A
Patent No. US20020069422A1

GENERAL INFORMATION:
APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
NUMBER OF SEQUENCES: 97
CORRESPONDENCE ADDRESS:
ADDRESSEE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE

CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/294,121A
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/256,568
FILING DATE: 18-JUL-1994
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 27-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 410,004
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 661-8000
TELEFAX: (212) 661-8002
INFORMATION FOR SEQ ID NO: 76:
SEQUENCE CHARACTERISTICS:
LENGTH: 177 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
IMMEDIATE SOURCE:
CLONE: gb724
POSITION IN GENOME:
MAP POSITION: 5' untranslated region
US-09-294-121A-76

Query Match 66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 9.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
Db 26 GGGGTCTCGAG 15
||||:|||||

RESULT 166

US-09-294-121A-77/c
Sequence 77, Application US/09294121A
Patent No. US20020069422A1

GENERAL INFORMATION:
APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
NUMBER OF SEQUENCES: 97
CORRESPONDENCE ADDRESS:
ADDRESSEE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS
CURRENT APPLICATION DATA:
FILING DATE: 18-JUL-1994
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/256,568
FILING DATE: 18-JUL-1994
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 27-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 410,004
TELEPHONE: (212) 661-8000
TELEFAX: (212) 661-8002
INFORMATION FOR SEQ ID NO: 77:
SEQUENCE CHARACTERISTICS:
LENGTH: 177 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
IMMEDIATE SOURCE:
LIBRARY: be97
POSITION IN GENOME:
MAP POSITION: 5', untranslated region

US-09-294-121A-77

Query Match 66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 9.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
||||:|:|:|
Db 26 GGGGTCTCGAG 15

RESULT 167

US-09-294-121A-78/c
Sequence 78, Application US/09294121A
Patent No. US20020069422A1
GENERAL INFORMATION:
APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
TITLE OF INVENTION: ISOLATES
NUMBER OF SEQUENCES: 97
CORRESPONDENCE ADDRESS:
ADDRESSEE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/294,121A
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/256,568
FILING DATE: 18-JUL-1994
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 27-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 410,004
TELEPHONE: (212) 661-8000
TELEFAX: (212) 661-8002
INFORMATION FOR SEQ ID NO: 78:
SEQUENCE CHARACTERISTICS:
LENGTH: 177 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
IMMEDIATE SOURCE:
CLONE: be95
POSITION IN GENOME:
MAP POSITION: 5', untranslated region

US-09-294-121A-78

Query Match 66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 9.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
||||:|:|:|
Db 26 GGGGTCTCGAG 15

RESULT 168

US-09-294-121A-79/c
Sequence 79, Application US/09294121A
Patent No. US20020069422A1
GENERAL INFORMATION:
APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
TITLE OF INVENTION: ISOLATES
NUMBER OF SEQUENCES: 97
CORRESPONDENCE ADDRESS:
ADDRESSEE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/294,121A
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/256,568
FILING DATE: 18-JUL-1994
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993

;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: EP/92/403,222.0
;; FILING DATE: 27-NOV-1992
;; ATTORNEY/AGENT INFORMATION:
;; NAME: CHARLES A. MUSERLIAN
;; REGISTRATION NUMBER: 19,683
;; REFERENCE/DOCKET NUMBER: 410.004
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (212) 661-8000
;; TELEFAX: (212) 661-8002
;; INFORMATION FOR SEQ ID NO: 79:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 177 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: cDNA
;; IMMEDIATE SOURCE:
;; CLONE: be96
;; POSITION IN GENOME:
;; MAP POSITION: 5' untranslated region
US-09-294-121A-79

Query Match 66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 9.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
||||:||||
Db 26 GGGGTCTGGAG 15

RESULT 169

US-09-294-121A-80/c
; Sequence 80, Application US/09294121A
; Patent No. US20020069422A1
; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
; APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
; TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
; TITLE OF INVENTION: ISOLATES
; NUMBER OF SEQUENCES: 97
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN & MUSERLIAN
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/294,121A
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/256,568
; FILING DATE: 18-JUL-1994
; APPLICATION NUMBER: PCT/EP93/03325
; FILING DATE: 26-NOV-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP/93/402,129.6
; FILING DATE: 31-AUG-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP/92/403,222.0
; FILING DATE: 27-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: CHARLES A. MUSERLIAN
; REGISTRATION NUMBER: 19,683
; REFERENCE/DOCKET NUMBER: 410.004

;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (212) 661-8000
;; TELEFAX: (212) 661-8002
;; INFORMATION FOR SEQ ID NO: 80:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 177 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: cDNA
;; IMMEDIATE SOURCE:
;; CLONE: be98
;; POSITION IN GENOME:
;; MAP POSITION: 5' untranslated region
US-09-294-121A-80

Query Match 66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 9.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
||||:||||
Db 26 GGGGTCTGGAG 15

RESULT 170

US-09-899-082A-61/c
; Sequence 61, Application US/09899082A
; Patent No. US20020106638A1
; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
; APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
; TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
; TITLE OF INVENTION: ISOLATES
; NUMBER OF SEQUENCES: 97
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN & MUSERLIAN
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/899,082A
; FILING DATE: 06-Jul-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/378,900
; FILING DATE: <Unknown>
; APPLICATION NUMBER: 08/256,568
; FILING DATE: 18-JUL-1994
; APPLICATION NUMBER: PCT/EP93/03325
; FILING DATE: 26-NOV-1993
; APPLICATION NUMBER: EP/93/402,129.6
; FILING DATE: 31-AUG-1993
; APPLICATION NUMBER: EP/92/403,222.0
; FILING DATE: 27-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: CHARLES A. MUSERLIAN
; REGISTRATION NUMBER: 19,683
; REFERENCE/DOCKET NUMBER: 410.004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 661-8000
; TELEFAX: (212) 661-8002
; INFORMATION FOR SEQ ID NO: 61:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 177 base pairs
; TYPE: nucleic acid

```
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; IMMEDIATE SOURCE:
; CLONE: be82 (also referred to as be99)
; POSITION IN GENOME:
; MAP POSITION: 5' untranslated region
; SEQUENCE DESCRIPTION: SEQ ID NO: 61:
US-09-899-082A-61

Query Match      66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 9.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCUGGAG 12
DB 26 GGGGCTCTGGAG 15

RESULT 171
US-09-899-082A-67/c
; Sequence 67, Application US/09899082A
; Patent No. US20020106638A1
; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
; TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
; ISOLATES
; NUMBER OF SEQUENCES: 97
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN & MUSERLIAN
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/899,082A
; FILING DATE: 06-Jul-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/378,900
; FILING DATE: <Unknown>
; APPLICATION NUMBER: 08/256,568
; FILING DATE: 18-JUL-1994
; APPLICATION NUMBER: PCT/EP93/03325
; FILING DATE: 26-NOV-1993
; APPLICATION NUMBER: EP/93/402,129.6
; FILING DATE: 31-AUG-1993
; APPLICATION NUMBER: EP/92/403,222.0
; FILING DATE: 27-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: CHARLES A. MUSERLIAN
; REGISTRATION NUMBER: 19,683
; REFERENCE/DOCKET NUMBER: 410,004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 661-8000
; TELEFAX: (212) 661-8002
; INFORMATION FOR SEQ ID NO: 67:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 177 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; CLONE: gb48
; POSITION IN GENOME:
; MAP POSITION: 5' untranslated region
; SEQUENCE DESCRIPTION: SEQ ID NO: 61:
US-09-899-082A-61

Query Match      66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 9.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCUGGAG 12
DB 26 GGGGCTCTGGAG 15

RESULT 172
US-09-899-082A-68/c
; Sequence 68, Application US/09899082A
; Patent No. US20020106638A1
; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
; TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
; ISOLATES
; NUMBER OF SEQUENCES: 97
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN & MUSERLIAN
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/899,082A
; FILING DATE: 06-Jul-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/378,900
; FILING DATE: <Unknown>
; APPLICATION NUMBER: 08/256,568
; FILING DATE: 18-JUL-1994
; APPLICATION NUMBER: PCT/EP93/03325
; FILING DATE: 26-NOV-1993
; APPLICATION NUMBER: EP/93/402,129.6
; FILING DATE: 31-AUG-1993
; APPLICATION NUMBER: EP/92/403,222.0
; FILING DATE: 27-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: CHARLES A. MUSERLIAN
; REGISTRATION NUMBER: 19,683
; REFERENCE/DOCKET NUMBER: 410,004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 661-8000
; TELEFAX: (212) 661-8002
; INFORMATION FOR SEQ ID NO: 68:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 177 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; CLONE: gb116
; POSITION IN GENOME:
; MAP POSITION: 5' untranslated region
; SEQUENCE DESCRIPTION: SEQ ID NO: 68:
US-09-899-082A-68

Query Match      66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 9.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;
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Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
||||:|||||
Db 26 GGGGTCCTGGAG 15

RESULT 173

US-09-899-082A-69/c
; Sequence 69, Application US/09899082A
; Patent No. US20020106638A1
; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
; ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
; TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
; ISOLATES
; NUMBER OF SEQUENCES: 97
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN & MUSERLIAN
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/899,082A
; FILING DATE: 06-Jul-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/378,900
; FILING DATE: 18-JUL-1994
; FILING DATE: 26-NOV-1993
; FILING DATE: 31-AUG-1993
; FILING DATE: 27-NOV-1992

ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 410.004
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 661-8000
TELEFAX: (212) 661-8002
INFORMATION FOR SEQ ID NO: 69:
SEQUENCE CHARACTERISTICS:
LENGTH: 177 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
IMMEDIATE SOURCE:
CLONE: gb569
POSITION IN GENOME:
MAP POSITION: 5', untranslated region
SEQUENCE DESCRIPTION: SEQ ID NO: 69:

US-09-899-082A-69
Query Match 66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 9.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
||||:|||||
Db 26 GGGGTCCTGGAG 15

RESULT 174

US-09-899-082A-70/c
; Sequence 70, Application US/09899082A
; Patent No. US20020106638A1
; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
; ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
; TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
; ISOLATES
; NUMBER OF SEQUENCES: 97
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN & MUSERLIAN
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/899,082A
; FILING DATE: 06-Jul-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/378,900
; FILING DATE: 18-JUL-1994
; FILING DATE: 26-NOV-1993
; FILING DATE: 31-AUG-1993
; FILING DATE: 27-NOV-1992

ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 410.004
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 661-8000
TELEFAX: (212) 661-8002
INFORMATION FOR SEQ ID NO: 70:
SEQUENCE CHARACTERISTICS:
LENGTH: 177 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
IMMEDIATE SOURCE:
CLONE: gb358
POSITION IN GENOME:
MAP POSITION: 5', untranslated region
SEQUENCE DESCRIPTION: SEQ ID NO: 70:

US-09-899-082A-70
Query Match 66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 9.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
||||:|||||
Db 26 GGGGTCCTGGAG 15

RESULT 175

US-09-899-082A-72/c
; Sequence 72, Application US/09899082A
; Patent No. US20020106638A1
; GENERAL INFORMATION:

APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
ISOLATES

NUMBER OF SEQUENCES: 97

CORRESPONDENCE ADDRESS:

ADDRESSEE: BIERMAN & MUSERLIAN

STREET: 600 THIRD AVENUE

CITY: NEW YORK

STATE: NEW YORK

COUNTRY: USA

ZIP: 10016

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: ASCII

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/899,082A

FILING DATE: 06-Jul-2001

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/09/378,900

FILING DATE: <Unknown>

APPLICATION NUMBER: 08/256,568

FILING DATE: 18-JUL-1994

APPLICATION NUMBER: PCT/EP93/03325

FILING DATE: 26-NOV-1993

APPLICATION NUMBER: EP/93/402,129.6

FILING DATE: 31-AUG-1993

APPLICATION NUMBER: EP/92/403,222.0

FILING DATE: 27-NOV-1992

ATTORNEY/AGENT INFORMATION:

NAME: CHARLES A. MUSERLIAN

REGISTRATION NUMBER: 19,683

REFERENCE/DOCKET NUMBER: 410.004

TELECOMMUNICATION INFORMATION:

TELEPHONE: (212) 661-8000

TELEFAX: (212) 661-8002

INFORMATION FOR SEQ ID NO: 72:

SEQUENCE CHARACTERISTICS:

LENGTH: 177 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: cDNA

IMMEDIATE SOURCE:

CLONE: cam600

POSITION IN GENOME:

MAP POSITION: 5' untranslated region

SEQUENCE DESCRIPTION: SEQ ID NO: 72:

US-09-899-082A-72

Query Match 66.7%; Score 12; DB 3; Length 177;

Best Local Similarity 83.3%; Pred. No. 9.8e+02;

Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12

Db 26 GGGGTCCTGGAG 15

|||||:|:|:|

RESULT 176

US-09-899-082A-73/c

Sequence 73, Application US/09899082A

Patent No. US2002010638A1

GENERAL INFORMATION:

APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;

ROSSAU, RUDI; VAN HEUVERSWYN, HUGO

TITLE OF INVENTION: PROCESS FOR TYPING OF HCV

ISOLATES

NUMBER OF SEQUENCES: 97

CORRESPONDENCE ADDRESS:

ADDRESSEE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10016

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: ASCII

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/899,082A

FILING DATE: 06-Jul-2001

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/09/378,900

FILING DATE: <Unknown>

APPLICATION NUMBER: 08/256,568

FILING DATE: 18-JUL-1994

APPLICATION NUMBER: PCT/EP93/03325

FILING DATE: 26-NOV-1993

APPLICATION NUMBER: EP/93/402,129.6

FILING DATE: 31-AUG-1993

APPLICATION NUMBER: EP/92/403,222.0

FILING DATE: 27-NOV-1992

ATTORNEY/AGENT INFORMATION:

NAME: CHARLES A. MUSERLIAN

REGISTRATION NUMBER: 19,683

REFERENCE/DOCKET NUMBER: 410.004

TELECOMMUNICATION INFORMATION:

TELEPHONE: (212) 661-8000

TELEFAX: (212) 661-8002

INFORMATION FOR SEQ ID NO: 73:

SEQUENCE CHARACTERISTICS:

LENGTH: 177 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: cDNA

IMMEDIATE SOURCE:

CLONE: cam736

POSITION IN GENOME:

MAP POSITION: 5' untranslated region

SEQUENCE DESCRIPTION: SEQ ID NO: 73:

US-09-899-082A-73

Query Match 66.7%; Score 12; DB 3; Length 177;

Best Local Similarity 83.3%; Pred. No. 9.8e+02;

Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12

Db 26 GGGGTCCTGGAG 15

|||||:|:|:|

RESULT 177

US-09-899-082A-74/c

Sequence 74, Application US/09899082A

Patent No. US2002010638A1

GENERAL INFORMATION:

APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;

ROSSAU, RUDI; VAN HEUVERSWYN, HUGO

TITLE OF INVENTION: PROCESS FOR TYPING OF HCV

ISOLATES

NUMBER OF SEQUENCES: 97

CORRESPONDENCE ADDRESS:

ADDRESSEE: BIERMAN & MUSERLIAN

STREET: 600 THIRD AVENUE

CITY: NEW YORK

STATE: NEW YORK

COUNTRY: USA

ZIP: 10016

```

;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/899,082A
; FILING DATE: 06-Jul-2001
; CLASSIFICATION: <Unknown>
;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/378,900
; FILING DATE: <Unknown>
; APPLICATION NUMBER: 08/256,568
; FILING DATE: 18-JUL-1994
; APPLICATION NUMBER: PCT/EP93/03325
; FILING DATE: 26-NOV-1993
; APPLICATION NUMBER: EP/93/402,129.6
; FILING DATE: 31-AUG-1993
; APPLICATION NUMBER: EP/92/403,222.0
; FILING DATE: 27-NOV-1992
;
; ATTORNEY/AGENT INFORMATION:
; NAME: CHARLES A. MUSERLIAN
; REGISTRATION NUMBER: 19,683
; REFERENCE/DOCKET NUMBER: 410.004
;
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 661-8000
; TELEFAX: (212) 661-8002
;
; INFORMATION FOR SEQ ID NO: 74:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 177 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cdna
; IMMEDIATE SOURCE:
; CLONE: gb809
; POSITION IN GENOME:
; MAP POSITION: 5' untranslated region
; SEQUENCE DESCRIPTION: SEQ ID NO: 74:
US-09-899-082A-74

Query Match 66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 9.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
Db 26 GGGGTCTTGAG 15

RESULT 178
US-09-899-082A-75/c
; Sequence 75, Application US/09899082A
; Patent No. US20020106638A1
; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
; ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
; TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
; ISOLATES
; NUMBER OF SEQUENCES: 97
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN & MUSERLIAN
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/899,082A
; FILING DATE: 06-Jul-2001
; CLASSIFICATION: <Unknown>
;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/378,900
; FILING DATE: <Unknown>
; APPLICATION NUMBER: 08/256,568
; FILING DATE: 18-JUL-1994
; APPLICATION NUMBER: PCT/EP93/03325
; FILING DATE: 26-NOV-1993
; APPLICATION NUMBER: EP/93/402,129.6
; FILING DATE: 31-AUG-1993
; APPLICATION NUMBER: EP/92/403,222.0
; FILING DATE: 27-NOV-1992
;
; ATTORNEY/AGENT INFORMATION:
; NAME: CHARLES A. MUSERLIAN
; REGISTRATION NUMBER: 19,683
; REFERENCE/DOCKET NUMBER: 410.004
;
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 661-8000
; TELEFAX: (212) 661-8002
;
; INFORMATION FOR SEQ ID NO: 75:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 177 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cdna
; IMMEDIATE SOURCE:
; CLONE: gb809
; POSITION IN GENOME:
; MAP POSITION: 5' untranslated region
; SEQUENCE DESCRIPTION: SEQ ID NO: 75:
US-09-899-082A-75

Query Match 66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 9.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
Db 26 GGGGTCTTGAG 15

RESULT 179
US-09-899-082A-76/c
; Sequence 76, Application US/09899082A
; Patent No. US20020106638A1
; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
; ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
; TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
; ISOLATES
; NUMBER OF SEQUENCES: 97
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN & MUSERLIAN
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/899,082A
; FILING DATE: 06-Jul-2001
; CLASSIFICATION: <Unknown>
;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/378,900
; FILING DATE: <Unknown>

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;
; APPLICATION NUMBER: US/09/899,082A
; FILING DATE: 06-Jul-2001
; CLASSIFICATION: <Unknown>
;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/378,900
; FILING DATE: <Unknown>
; APPLICATION NUMBER: 08/256,568
; FILING DATE: 18-JUL-1994
; APPLICATION NUMBER: PCT/EP93/03325
; FILING DATE: 26-NOV-1993
; APPLICATION NUMBER: EP/93/402,129.6
; FILING DATE: 31-AUG-1993
; APPLICATION NUMBER: EP/92/403,222.0
; FILING DATE: 27-NOV-1992
;
; ATTORNEY/AGENT INFORMATION:
; NAME: CHARLES A. MUSERLIAN
; REGISTRATION NUMBER: 19,683
; REFERENCE/DOCKET NUMBER: 410.004
;
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 661-8000
; TELEFAX: (212) 661-8002
;
; INFORMATION FOR SEQ ID NO: 75:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 177 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cdna
; IMMEDIATE SOURCE:
; CLONE: gb487
; POSITION IN GENOME:
; MAP POSITION: 5' untranslated region
; SEQUENCE DESCRIPTION: SEQ ID NO: 75:
US-09-899-082A-75

Query Match 66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 9.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
Db 26 GGGGTCTTGAG 15

RESULT 179
US-09-899-082A-76/c
; Sequence 76, Application US/09899082A
; Patent No. US20020106638A1
; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
; ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
; TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
; ISOLATES
; NUMBER OF SEQUENCES: 97
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN & MUSERLIAN
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/899,082A
; FILING DATE: 06-Jul-2001
; CLASSIFICATION: <Unknown>
;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/378,900
; FILING DATE: <Unknown>

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; APPLICATION NUMBER: 08/256,568
; FILING DATE: 18-JUL-1994
; APPLICATION NUMBER: PCT/EP93/03325
; FILING DATE: 26-NOV-1993
; APPLICATION NUMBER: EP/93/402,129.6
; FILING DATE: 31-AUG-1993
; APPLICATION NUMBER: EP/92/403,222.0
; FILING DATE: 27-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: CHARLES A. MUSERLIAN
; REGISTRATION NUMBER: 19,683
; REFERENCE/DOCKET NUMBER: 410.004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 661-8000
; TELEFAX: (212) 661-8002
; INFORMATION FOR SEQ ID NO: 76:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 177 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; IMMEDIATE SOURCE:
; CLONE: 9b724
; POSITION IN GENOME:
; MAP POSITION: 5' untranslated region
; SEQUENCE DESCRIPTION: SEQ ID NO: 76:
US-09-899-082A-76

Query Match 66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 9.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
Db 26 GGGGTCCTGGAG 15
||||:|||||

RESULT 180
US-09-899-082A-77/c
; Sequence 77, Application US/09899082A
; Patent No. US20020106638A1
; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
; ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
; TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
; ISOLATES
; NUMBER OF SEQUENCES: 97
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN & MUSERLIAN
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/899,082A
; FILING DATE: 06-Jul-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; APPLICATION NUMBER: US/09/378,900
; FILING DATE: 18-JUL-1994
; APPLICATION NUMBER: PCT/EP93/03325
; FILING DATE: 26-NOV-1993
; APPLICATION NUMBER: EP/93/402,129.6
; FILING DATE: 31-AUG-1993
; APPLICATION NUMBER: EP/92/403,222.0
; FILING DATE: 27-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: CHARLES A. MUSERLIAN
; REGISTRATION NUMBER: 19,683
; REFERENCE/DOCKET NUMBER: 410.004
```

```
; APPLICATION NUMBER: EP/92/403,222.0
; FILING DATE: 27-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: CHARLES A. MUSERLIAN
; REGISTRATION NUMBER: 19,683
; REFERENCE/DOCKET NUMBER: 410.004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 661-8000
; TELEFAX: (212) 661-8002
; INFORMATION FOR SEQ ID NO: 77:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 177 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; IMMEDIATE SOURCE:
; LIBRARY: be97
; POSITION IN GENOME:
; MAP POSITION: 5' untranslated region
; SEQUENCE DESCRIPTION: SEQ ID NO: 77:
US-09-899-082A-77

Query Match 66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 9.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
Db 26 GGGGTCCTGGAG 15
||||:|||||

RESULT 181
US-09-899-082A-78/c
; Sequence 78, Application US/09899082A
; Patent No. US20020106638A1
; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
; ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
; TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
; ISOLATES
; NUMBER OF SEQUENCES: 97
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN & MUSERLIAN
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/899,082A
; FILING DATE: 06-Jul-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; APPLICATION NUMBER: US/09/378,900
; FILING DATE: 18-JUL-1994
; APPLICATION NUMBER: PCT/EP93/03325
; FILING DATE: 26-NOV-1993
; APPLICATION NUMBER: EP/93/402,129.6
; FILING DATE: 31-AUG-1993
; APPLICATION NUMBER: EP/92/403,222.0
; FILING DATE: 27-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: CHARLES A. MUSERLIAN
; REGISTRATION NUMBER: 19,683
; REFERENCE/DOCKET NUMBER: 410.004
```

```
;
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 661-8000
; TELEFAX: (212) 661-8002
; INFORMATION FOR SEQ ID NO: 78:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 177 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; IMMEDIATE SOURCE:
; CLONE: be95
; POSITION IN GENOME:
; MAP POSITION: 5' untranslated region
; SEQUENCE DESCRIPTION: SEQ ID NO: 78:
US-09-899-082A-78

Query Match          66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. NO. 9.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      1 GGGGUCCUGGAG 12
        ||||:||||
Db      26 GGGTCTGGAG 15

RESULT 182
US-09-899-082A-79/c
; Sequence 79, Application US/09899082A
; Patent No. US20020106638A1
; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
; ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
; TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
; ISOLATES
; NUMBER OF SEQUENCES: 97
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN & MUSERLIAN
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/378,900
; FILING DATE: 06-Jul-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/378,900
; FILING DATE: <Unknown>
; APPLICATION NUMBER: 08/256,568
; FILING DATE: 18-JUL-1994
; APPLICATION NUMBER: PCT/EP93/03325
; FILING DATE: 26-NOV-1993
; APPLICATION NUMBER: EP/93/402,129.6
; FILING DATE: 31-AUG-1993
; APPLICATION NUMBER: EP/92/403,222.0
; FILING DATE: 27-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: CHARLES A. MUSERLIAN
; REGISTRATION NUMBER: 19,683
; REFERENCE/DOCKET NUMBER: 410.004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 661-8000
; TELEFAX: (212) 661-8002
; INFORMATION FOR SEQ ID NO: 79:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 177 base pairs
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;
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; IMMEDIATE SOURCE:
; CLONE: be96
; POSITION IN GENOME:
; MAP POSITION: 5' untranslated region
; SEQUENCE DESCRIPTION: SEQ ID NO: 79:
US-09-899-082A-79

Query Match          66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. NO. 9.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      1 GGGGUCCUGGAG 12
        ||||:||||
Db      26 GGGTCTGGAG 15

RESULT 183
US-09-899-082A-80/c
; Sequence 80, Application US/09899082A
; Patent No. US20020106638A1
; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
; ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
; TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
; ISOLATES
; NUMBER OF SEQUENCES: 97
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN & MUSERLIAN
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/899,082A
; FILING DATE: 06-Jul-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/378,900
; FILING DATE: <Unknown>
; APPLICATION NUMBER: 08/256,568
; FILING DATE: 18-JUL-1994
; APPLICATION NUMBER: PCT/EP93/03325
; FILING DATE: 26-NOV-1993
; APPLICATION NUMBER: EP/93/402,129.6
; FILING DATE: 31-AUG-1993
; APPLICATION NUMBER: EP/92/403,222.0
; FILING DATE: 27-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: CHARLES A. MUSERLIAN
; REGISTRATION NUMBER: 19,683
; REFERENCE/DOCKET NUMBER: 410.004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 661-8000
; TELEFAX: (212) 661-8002
; INFORMATION FOR SEQ ID NO: 80:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 177 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; IMMEDIATE SOURCE:
; CLONE: be98
```

;
; POSITION IN GENOME:
; MAP POSITION: 5', untranslated region
; SEQUENCE DESCRIPTION: SEQ ID NO: 80:
US-09-899-082A-80

Query Match 66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 9.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
Db 26 GGGGTCCTGGAG 15

RESULT 184

US-09-899-302-61/c
; Sequence 61, Application US/09899302
; Patent No. US20020168626A1
; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
; APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
; TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
; TITLE OF INVENTION: ISOLATES
; NUMBER OF SEQUENCES: 97
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN & MUSERLIAN
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/899,302
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/378,900
; FILING DATE:
; FILING DATE:
; APPLICATION NUMBER: 08/256,568
; FILING DATE: 18-JUL-1994
; APPLICATION NUMBER: PCT/EP93/03325
; FILING DATE: 26-NOV-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP/93/402,129.6
; FILING DATE: 31-AUG-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP/92/403,222.0
; FILING DATE: 27-NOV-1992
; APPLICATION NUMBER: EP/92/403,222.0
; FILING DATE: 27-NOV-1992
; FILING DATE: 27-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: CHARLES A. MUSERLIAN
; REGISTRATION NUMBER: 19,683
; REFERENCE/DOCKET NUMBER: 410.004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 661-8000
; INFORMATION FOR SEQ ID NO: 61:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 177 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; CLONE: be82 (also referred to as be99)
; POSITION IN GENOME:
; MAP POSITION: 5', untranslated region
US-09-899-302-61

Query Match 66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 9.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
Db 26 GGGGTCCTGGAG 15

RESULT 185

US-09-899-302-67/c
; Sequence 67, Application US/09899302
; Patent No. US20020168626A1
; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
; APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
; TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
; TITLE OF INVENTION: ISOLATES
; NUMBER OF SEQUENCES: 97
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN & MUSERLIAN
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/899,302
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/378,900
; FILING DATE:
; FILING DATE:
; APPLICATION NUMBER: 08/256,568
; FILING DATE: 18-JUL-1994
; APPLICATION NUMBER: PCT/EP93/03325
; FILING DATE: 26-NOV-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP/93/402,129.6
; FILING DATE: 31-AUG-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP/92/403,222.0
; FILING DATE: 27-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: CHARLES A. MUSERLIAN
; REGISTRATION NUMBER: 19,683
; REFERENCE/DOCKET NUMBER: 410.004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 661-8000
; INFORMATION FOR SEQ ID NO: 67:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 177 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; CLONE: gb48
; POSITION IN GENOME:
; MAP POSITION: 5', untranslated region
US-09-899-302-67

Query Match 66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 9.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12


```
Db          26 GGGGTCTCGAG 15
||||:||||:||||
US-09-899-302-68/c
; Sequence 68, Application US/09899302
; Patent No. US20020168626A1
; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
; APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
; TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
; TITLE OF INVENTION: ISOLATES
; NUMBER OF SEQUENCES: 97
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN & MUSERLIAN
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/899,302
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/378,900
; FILING DATE:
; APPLICATION NUMBER: 08/256,568
; FILING DATE: 18-JUL-1994
; APPLICATION NUMBER: PCT/EP93/03325
; FILING DATE: 26-NOV-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP/93/402,129.6
; FILING DATE: 31-AUG-1993
; APPLICATION NUMBER:
; FILING DATE: 27-NOV-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP/92/403,222.0
; FILING DATE: 27-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: CHARLES A. MUSERLIAN
; REGISTRATION NUMBER: 19,683
; REFERENCE/DOCKET NUMBER: 410.004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 661-8000
; TELEFAX: (212) 661-8002
; INFORMATION FOR SEQ ID NO: 68:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 177 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; IMMEDIATE SOURCE:
; CLONE: gb116
; POSITION IN GENOME:
; MAP POSITION: 5', untranslated region
US-09-899-302-68
Query Match          66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 9.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;
Oy          1 GGGGUCCUGGAG 12
||||:||||:||||
Db          26 GGGGTCTCGAG 15
||||:||||:||||
RESULT 187
US-09-899-302-68/c
; Sequence 68, Application US/09899302
; Patent No. US20020168626A1
; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
; APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
; TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
; TITLE OF INVENTION: ISOLATES
; NUMBER OF SEQUENCES: 97
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN & MUSERLIAN
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/899,302
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/378,900
; FILING DATE:
; APPLICATION NUMBER: 08/256,568
; FILING DATE: 18-JUL-1994
; APPLICATION NUMBER: PCT/EP93/03325
; FILING DATE: 26-NOV-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP/93/402,129.6
; FILING DATE: 31-AUG-1993
; APPLICATION NUMBER:
; FILING DATE: 27-NOV-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP/92/403,222.0
; FILING DATE: 27-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: CHARLES A. MUSERLIAN
; REGISTRATION NUMBER: 19,683
; REFERENCE/DOCKET NUMBER: 410.004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 661-8000
; TELEFAX: (212) 661-8002
; INFORMATION FOR SEQ ID NO: 68:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 177 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; IMMEDIATE SOURCE:
; CLONE: gb116
; POSITION IN GENOME:
; MAP POSITION: 5', untranslated region
US-09-899-302-68
Query Match          66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 9.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;
Oy          1 GGGGUCCUGGAG 12
||||:||||:||||
Db          26 GGGGTCTCGAG 15
||||:||||:||||
RESULT 188
US-09-899-302-70/c
; Sequence 70, Application US/09899302
; Patent No. US20020168626A1
; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
```

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US-09-899-302-69/c
; Sequence 69, Application US/09899302
; Patent No. US20020168626A1
; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
; APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
; TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
; TITLE OF INVENTION: ISOLATES
; NUMBER OF SEQUENCES: 97
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN & MUSERLIAN
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/899,302
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/378,900
; FILING DATE:
; APPLICATION NUMBER: 08/256,568
; FILING DATE: 18-JUL-1994
; APPLICATION NUMBER: PCT/EP93/03325
; FILING DATE: 26-NOV-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP/93/402,129.6
; FILING DATE: 31-AUG-1993
; APPLICATION NUMBER:
; FILING DATE: 27-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: CHARLES A. MUSERLIAN
; REGISTRATION NUMBER: 19,683
; REFERENCE/DOCKET NUMBER: 410.004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 661-8000
; TELEFAX: (212) 661-8002
; INFORMATION FOR SEQ ID NO: 69:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 177 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; IMMEDIATE SOURCE:
; CLONE: gb569
; POSITION IN GENOME:
; MAP POSITION: 5', untranslated region
US-09-899-302-69
Query Match          66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 9.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;
Oy          1 GGGGUCCUGGAG 12
||||:||||:||||
Db          26 GGGGTCTCGAG 15
||||:||||:||||
RESULT 188
US-09-899-302-70/c
; Sequence 70, Application US/09899302
; Patent No. US20020168626A1
; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
```

APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
NUMBER OF SEQUENCES: 97
CORRESPONDENCE ADDRESS:
ADDRESSEE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/899,302
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/378,900
FILING DATE:
APPLICATION NUMBER: 08/256,568
FILING DATE: 18-JUL-1994
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 27-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 410.004
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 661-8000
TELEFAX: (212) 661-8002
INFORMATION FOR SEQ ID NO: 70:
SEQUENCE CHARACTERISTICS:
LENGTH: 177 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
IMMEDIATE SOURCE:
CLONE: gb358
POSITION IN GENOME:
MAP POSITION: 5' untranslated region
US-09-899-302-70

Query Match 66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 9.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
||||:|||||
Db 26 GGGGTCCTGGAG 15

RESULT 189
US-09-899-302-72/c
Sequence 72, Application US/09899302
Patent No. US20020168626A1
GENERAL INFORMATION:
APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
NUMBER OF SEQUENCES: 97
CORRESPONDENCE ADDRESS:

ADDRESSEE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/899,302
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/378,900
FILING DATE:
APPLICATION NUMBER: 08/256,568
FILING DATE: 18-JUL-1994
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 27-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 410.004
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 661-8000
TELEFAX: (212) 661-8002
INFORMATION FOR SEQ ID NO: 72:
SEQUENCE CHARACTERISTICS:
LENGTH: 177 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
IMMEDIATE SOURCE:
CLONE: cam600
POSITION IN GENOME:
MAP POSITION: 5' untranslated region
US-09-899-302-72

Query Match 66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 9.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
||||:|||||
Db 26 GGGGTCCTGGAG 15

RESULT 190
US-09-899-302-73/c
Sequence 73, Application US/09899302
Patent No. US20020168626A1
GENERAL INFORMATION:
APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
NUMBER OF SEQUENCES: 97
CORRESPONDENCE ADDRESS:
ADDRESSEE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA

;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 09/378,900
;; FILING DATE: 08/256,568
;; APPLICATION NUMBER: 08/256,568
;; FILING DATE: 18-JUL-1994
;; APPLICATION NUMBER: PCT/EP93/03325
;; FILING DATE: 26-NOV-1993
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: EP/93/402,129.6
;; FILING DATE: 31-AUG-1993
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: EP/92/403,222.0
;; FILING DATE: 27-NOV-1992
;; ATTORNEY/AGENT INFORMATION:
;; NAME: CHARLES A. MUSERLIAN
;; REGISTRATION NUMBER: 19,683
;; REFERENCE/DOCKET NUMBER: 410.004
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (212) 661-8000
;; TELEFAX: (212) 661-8002
;; INFORMATION FOR SEQ ID NO: 75:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 177 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: cdna
;; IMMEDIATE SOURCE:
;; CLONE: gb487
;; POSITION IN GENOME:
;; MAP POSITION: 5', untranslated region
US-09-899-302-75

Query Match 66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 9.8e-02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
||||:|||||
Db 26 GGGGTCCTGGAG 15

RESULT 193
US-09-899-302-76/c
; Sequence 76, Application US/098999302
; Patent No. US20020168626A1
; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
; APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
; TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
; TITLE OF INVENTION: ISOLATES
; NUMBER OF SEQUENCES: 97
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN & MUSERLIAN
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/899,302
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/378,900
; FILING DATE: 08/256,568
; APPLICATION NUMBER: PCT/EP93/03325
; FILING DATE: 26-NOV-1993
; APPLICATION DATA:
; APPLICATION NUMBER: EP/93/402,129.6
; FILING DATE: 31-AUG-1993

;; APPLICATION NUMBER: PCT/EP93/03325
;; FILING DATE: 26-NOV-1993
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: EP/93/402,129.6
;; FILING DATE: 31-AUG-1993
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: EP/92/403,222.0
;; FILING DATE: 27-NOV-1992
;; ATTORNEY/AGENT INFORMATION:
;; NAME: CHARLES A. MUSERLIAN
;; REGISTRATION NUMBER: 19,683
;; REFERENCE/DOCKET NUMBER: 410.004
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (212) 661-8000
;; TELEFAX: (212) 661-8002
;; INFORMATION FOR SEQ ID NO: 76:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 177 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: cdna
;; IMMEDIATE SOURCE:
;; CLONE: gb724
;; POSITION IN GENOME:
;; MAP POSITION: 5', untranslated region
US-09-899-302-76

Query Match 66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 9.8e-02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
||||:|||||
Db 26 GGGGTCCTGGAG 15

RESULT 194
US-09-899-302-77/c
; Sequence 77, Application US/098999302
; Patent No. US20020168626A1
; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
; APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
; TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
; TITLE OF INVENTION: ISOLATES
; NUMBER OF SEQUENCES: 97
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN & MUSERLIAN
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/899,302
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/378,900
; FILING DATE: 08/256,568
; APPLICATION NUMBER: PCT/EP93/03325
; FILING DATE: 26-NOV-1993
; APPLICATION DATA:
; APPLICATION NUMBER: EP/93/402,129.6
; FILING DATE: 31-AUG-1993

;; PRIOR APPLICATION DATA: EP/92/403,222.0
;; APPLICATION NUMBER: 19,683
;; FILING DATE: 27-NOV-1992
;; ATTORNEY/AGENT INFORMATION:
;; NAME: CHARLES A. MUSERLIAN
;; REGISTRATION NUMBER: 19,683
;; REFERENCE/DOCKET NUMBER: 410.004
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (212) 661-8000
;; TELEFAX: (212) 661-8002
;; INFORMATION FOR SEQ ID NO: 77:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 177 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: cdna
;; IMMEDIATE SOURCE:
;; LIBRARY: be97
;; POSITION IN GENOME:
;; MAP POSITION: 5' untranslated region
US-09-899-302-77

Query Match 66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 9.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
|||:|:|:
Db 26 GGGGTCTGGAG 15

RESULT 195

US-09-899-302-78/c
; Sequence 78, Application US/098999302
; Patent No. US20020168626A1
; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
; APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
; TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
; TITLE OF INVENTION: ISOLATES
; NUMBER OF SEQUENCES: 97
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN & MUSERLIAN
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/899,302
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/378,900
; FILING DATE:
; APPLICATION NUMBER: 08/256,568
; FILING DATE: 18-JUL-1994
; APPLICATION NUMBER: PCT/EP93/03325
; FILING DATE: 26-NOV-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP/93/402,129.6
; FILING DATE: 31-AUG-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP/92/403,222.0
; FILING DATE: 27-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: CHARLES A. MUSERLIAN

;; REGISTRATION NUMBER: 19,683
;; REFERENCE/DOCKET NUMBER: 410.004
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (212) 661-8000
;; TELEFAX: (212) 661-8002
;; INFORMATION FOR SEQ ID NO: 78:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 177 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: cdna
;; IMMEDIATE SOURCE:
;; CLONE: be95
;; POSITION IN GENOME:
;; MAP POSITION: 5' untranslated region
US-09-899-302-78

Query Match 66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 9.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
|||:|:|:
Db 26 GGGGTCTGGAG 15

RESULT 196

US-09-899-302-79/c
; Sequence 79, Application US/098999302
; Patent No. US20020168626A1
; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
; APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
; TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
; TITLE OF INVENTION: ISOLATES
; NUMBER OF SEQUENCES: 97
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN & MUSERLIAN
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/899,302
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/378,900
; FILING DATE:
; APPLICATION NUMBER: 08/256,568
; FILING DATE: 18-JUL-1994
; APPLICATION NUMBER: PCT/EP93/03325
; FILING DATE: 26-NOV-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP/93/402,129.6
; FILING DATE: 31-AUG-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP/92/403,222.0
; FILING DATE: 27-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: CHARLES A. MUSERLIAN
; REGISTRATION NUMBER: 19,683
; REFERENCE/DOCKET NUMBER: 410.004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 661-8000
; TELEFAX: (212) 661-8002

```
; INFORMATION FOR SEQ ID NO: 79:
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 177 base pairs
;   TYPE: nucleic acid
;   STRANDEDNESS: single
;   TOPOLOGY: linear
;   MOLECULE TYPE: cdna
;   IMMEDIATE SOURCE:
;   CLONE: be96
;   POSITION IN GENOME:
;   MAP POSITION: 5', untranslated region
US-09-899-302-79

Query Match          66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 9.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      1 GGGGUCCUGGAG 12
Db      26 GGGGTCCTGGAG 15

RESULT 197
US-09-899-302-80/c
; Sequence 80, Application US/09899302
; Patent No. US20020168626A1
; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
; APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
; TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
; TITLE OF INVENTION: ISOLATES
; NUMBER OF SEQUENCES: 97
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN & MUSERLIAN
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/899,302
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/378,900
; FILING DATE:
; CLASSIFICATION:
; APPLICATION NUMBER: 08/256,568
; FILING DATE: 18-JUL-1994
; APPLICATION NUMBER: PCT/EP93/03325
; FILING DATE: 26-NOV-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP/93/402,129.6
; FILING DATE: 31-AUG-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP/92/403,222.0
; FILING DATE: 27-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: CHARLES A. MUSERLIAN
; REGISTRATION NUMBER: 19,683
; REFERENCE/DOCKET NUMBER: 410.004
; TELEPHONE: (212) 661-8000
; TELEFAX: (212) 661-8002
; INFORMATION FOR SEQ ID NO: 80:
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 177 base pairs
;   TYPE: nucleic acid
;   STRANDEDNESS: single
;   TOPOLOGY: linear
;   MOLECULE TYPE: cdna
;   IMMEDIATE SOURCE:
;   CLONE: be82 (also referred to as be99)
;   POSITION IN GENOME:
;   MAP POSITION: 5', untranslated region
;   SEQUENCE DESCRIPTION: SEQ ID NO: 61:
US-09-899-044-61
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```
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; TOPOLOGY: linear
; MOLECULE TYPE: cdna
; IMMEDIATE SOURCE:
; CLONE: be98
; POSITION IN GENOME:
; MAP POSITION: 5', untranslated region
US-09-899-302-80

Query Match          66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 9.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      1 GGGGUCCUGGAG 12
Db      26 GGGGTCCTGGAG 15

RESULT 198
US-09-899-044-61/c
; Sequence 61, Application US/09899044
; Publication No. US20030036053A1
; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
; APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
; TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
; TITLE OF INVENTION: ISOLATES
; NUMBER OF SEQUENCES: 97
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN & MUSERLIAN
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/899,044
; FILING DATE: 06-Jul-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/378,900
; FILING DATE: <Unknown>
; APPLICATION NUMBER: PCT/EP93/03325
; FILING DATE: 26-NOV-1993
; APPLICATION NUMBER: EP/93/402,129.6
; FILING DATE: 31-AUG-1993
; APPLICATION NUMBER: EP/92/403,222.0
; FILING DATE: 27-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: CHARLES A. MUSERLIAN
; REGISTRATION NUMBER: 19,683
; REFERENCE/DOCKET NUMBER: 410.004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 661-8000
; TELEFAX: (212) 661-8002
; INFORMATION FOR SEQ ID NO: 61:
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 177 base pairs
;   TYPE: nucleic acid
;   STRANDEDNESS: single
;   TOPOLOGY: linear
;   MOLECULE TYPE: cdna
;   IMMEDIATE SOURCE:
;   CLONE: be82 (also referred to as be99)
;   POSITION IN GENOME:
;   MAP POSITION: 5', untranslated region
;   SEQUENCE DESCRIPTION: SEQ ID NO: 61:
US-09-899-044-61
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Query Match 66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 9.8e+02;

Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
|||:|:|:|
Db 26 GGGGTCTTGAG 15

RESULT 199

US-09-899-044-67/c
; Sequence 67, Application US/09899044
; Publication No. US20030036053A1
; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
; TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
; ISOLATES
; NUMBER OF SEQUENCES: 97
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN & MUSERLIAN
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/899,044
FILING DATE: 06-Jul-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/378,900
FILING DATE: <Unknown>

APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 27-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 410,004
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 661-8000
TELEFAX: (212) 661-8002
INFORMATION FOR SEQ ID NO: 67:
SEQUENCE CHARACTERISTICS:
LENGTH: 177 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
IMMEDIATE SOURCE:
CLONE: qb48
POSITION IN GENOME:
MAP POSITION: 5' untranslated region
SEQUENCE DESCRIPTION: SEQ ID NO: 67:

US-09-899-044-67
Query Match 66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 9.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
|||:|:|:|
Db 26 GGGGTCTTGAG 15

RESULT 200

US-09-899-044-68/c
; Sequence 68, Application US/09899044
; Publication No. US20030036053A1
; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
; TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
; ISOLATES
; NUMBER OF SEQUENCES: 97
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN & MUSERLIAN
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/899,044
FILING DATE: 06-Jul-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/378,900
FILING DATE: <Unknown>

APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 27-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 410,004
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 661-8000
TELEFAX: (212) 661-8002
INFORMATION FOR SEQ ID NO: 68:
SEQUENCE CHARACTERISTICS:
LENGTH: 177 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
IMMEDIATE SOURCE:
CLONE: gb116
POSITION IN GENOME:
MAP POSITION: 5' untranslated region
SEQUENCE DESCRIPTION: SEQ ID NO: 68:

US-09-899-044-68
Query Match 66.7%; Score 12; DB 3; Length 177;
Best Local Similarity 83.3%; Pred. No. 9.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
|||:|:|:|
Db 26 GGGGTCTTGAG 15

Search completed: February 27, 2006, 09:14:26
Job time : 354 secs

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OM nucleic - nucleic search, using sw model

Run on: February 27, 2006, 08:13:06 ; Search time 576.474 Seconds
(without alignments)
66.582 Million cell updates/sec

Title: US-08-887-505B-38

Perfect score: 18

Sequence: 1 GGGGUCCUGAGNNNNN 18

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Gapop 60.0 , Gapext 60.0

Searched: 7209121 seqs, 1066183437 residues

Word size : 0

Total number of hits satisfying chosen parameters: 14418242

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Listing first 1000 summaries

Database : Published Applications NA.New.*

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- 2: /cgn2_6/ptodata/1/pubpna/US06_NEW_PUB.seq*
- 3: /cgn2_6/ptodata/1/pubpna/US07_NEW_PUB.seq*
- 4: /cgn2_6/ptodata/1/pubpna/US09_NEW_PUB.seq*
- 5: /cgn2_6/ptodata/1/pubpna/US09_NEW_PUB.seq*
- 6: /cgn2_6/ptodata/1/pubpna/US09_NEW_PUB.seq*
- 7: /cgn2_6/ptodata/1/pubpna/US10_NEW_PUB.seq*
- 8: /cgn2_6/ptodata/1/pubpna/US10_NEW_PUB.seq*
- 9: /cgn2_6/ptodata/1/pubpna/US11_NEW_PUB.seq*
- 10: /cgn2_6/ptodata/1/pubpna/US11_NEW_PUB.seq*
- 11: /cgn2_6/ptodata/1/pubpna/US11_NEW_PUB.seq*
- 12: /cgn2_6/ptodata/1/pubpna/US11_NEW_PUB.seq*
- 13: /cgn2_6/ptodata/1/pubpna/US60_NEW_PUB.seq*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	15	83.3	29	12	US-11-193-526-10
2	15	83.3	29	12	US-11-193-526-11
3	14	77.8	598	8	US-10-750-185-21878
4	14	77.8	598	8	US-10-750-623-21878
5	12	66.7	18	8	US-10-310-914A-696867
6	12	66.7	18	8	US-10-310-914A-736744
7	12	66.7	19	8	US-10-310-914A-1171689
8	12	66.7	19	8	US-10-310-914A-1374455
9	12	66.7	20	8	US-10-310-914A-443589
10	12	66.7	20	8	US-10-310-914A-1302631
11	12	66.7	21	8	US-10-310-914A-289851
12	12	66.7	21	8	US-10-310-914A-443582
13	12	66.7	21	8	US-10-310-914A-706745
14	12	66.7	21	8	US-10-310-914A-795102
15	12	66.7	22	8	US-10-528-644A-37
16	12	66.7	22	8	US-10-310-914A-214781
17	12	66.7	22	8	US-10-310-914A-214782
18	12	66.7	22	8	US-10-310-914A-214796
19	12	66.7	22	8	US-10-310-914A-289852
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21	12	66.7	22	8	US-10-310-914A-385850
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C 258	12	66.7	1308	6	US-09-925-065A-71742	Sequence 71742, A	C 331	12	66.7	3058	8	US-10-750-623-48442	Sequence 48442, A
C 259	12	66.7	1329	8	US-10-821-234-742	Sequence 742, App	C 332	12	66.7	3233	8	US-10-131-826A-81	Sequence 81, Appl
C 260	12	66.7	1344	12	US-11-041-095-55	Sequence 55, Appl	C 333	12	66.7	3336	6	US-09-925-065A-691811	Sequence 691811, A
C 261	12	66.7	1348	8	US-10-750-185-38089	Sequence 38089, A	C 334	12	66.7	33625	8	US-10-750-185-48133	Sequence 48133, A
C 262	12	66.7	1348	8	US-10-750-623-38089	Sequence 38089, A	C 335	12	66.7	33625	8	US-10-750-623-48133	Sequence 48133, A
C 263	12	66.7	1371	8	US-10-909-125-872	Sequence 872, App	C 336	12	66.7	3793	6	US-09-925-065A-90078	Sequence 90078, App
C 264	12	66.7	1398	8	US-10-750-185-43083	Sequence 43083, A	C 337	12	66.7	4119	12	US-11-128-061-1127	Sequence 1127, App
C 265	12	66.7	1398	8	US-10-750-623-43083	Sequence 43083, A	C 338	12	66.7	4119	12	US-11-128-049-1127	Sequence 1127, App
C 266	12	66.7	1404	12	US-11-041-095-61	Sequence 61, Appl	C 339	12	66.7	4282	12	US-11-128-061-452	Sequence 452, App
C 267	12	66.7	1420	6	US-09-925-065A-724838	Sequence 724838, A	C 340	12	66.7	4305	12	US-11-128-049-452	Sequence 452, App
C 268	12	66.7	1420	6	US-09-925-065A-724839	Sequence 724839, A	C 341	12	66.7	4305	12	US-11-128-061-465	Sequence 465, App
C 269	12	66.7	1467	8	US-10-821-234-802	Sequence 802, App	C 342	12	66.7	4305	12	US-11-128-049-465	Sequence 465, App
C 270	12	66.7	1488	8	US-10-750-185-28612	Sequence 28612, A	C 343	12	66.7	4877	12	US-11-169-041-51	Sequence 51, Appl
C 271	12	66.7	1488	8	US-10-750-623-28612	Sequence 28612, A	C 344	12	66.7	5161	8	US-10-909-125-802	Sequence 802, App
C 272	12	66.7	1500	6	US-09-925-065A-43187	Sequence 43187, A	C 345	12	66.7	5572	12	US-11-186-384-38	Sequence 38, Appl
C 273	12	66.7	1510	6	US-09-925-065A-43187	Sequence 43187, A	C 346	12	66.7	5704	7	US-10-893-483-136	Sequence 136, App
C 274	12	66.7	1532	6	US-09-925-065A-673622	Sequence 673622, A	C 347	12	66.7	6076	12	US-11-136-527-2597	Sequence 2597, App
C 275	12	66.7	1532	6	US-09-925-065A-673622	Sequence 673622, A	C 348	12	66.7	6108	12	US-11-128-061-1027	Sequence 1027, App
C 276	12	66.7	1543	8	US-10-750-185-47039	Sequence 47039, A	C 349	12	66.7	6108	12	US-11-128-049-1027	Sequence 1027, App
C 277	12	66.7	1543	8	US-10-750-623-47039	Sequence 47039, A	C 350	12	66.7	6139	8	US-10-401-386B-25	Sequence 25, Appl
C 278	12	66.7	1551	12	US-11-135-604-1	Sequence 1, Appl	C 351	12	66.7	6683	8	US-10-995-561-473	Sequence 473, App
C 279	12	66.7	1572	12	US-11-041-095-57	Sequence 57, Appl	C 352	12	66.7	6700	8	US-10-995-561-472	Sequence 472, App
C 280	12	66.7	1578	8	US-10-750-185-45602	Sequence 45602, A	C 353	12	66.7	6786	12	US-11-069-834-59	Sequence 59, Appl
C 281	12	66.7	1578	8	US-10-750-623-45602	Sequence 45602, A	C 354	12	66.7	6871	8	US-10-995-561-474	Sequence 474, App
C 282	12	66.7	1599	12	US-11-135-604-3	Sequence 3, Appl	C 355	12	66.7	6990	12	US-11-000-688-609	Sequence 609, App
C 283	12	66.7	1614	12	US-11-135-604-5	Sequence 5, Appl	C 356	12	66.7	7848	12	US-11-173-792-7	Sequence 7, Appl
C 284	12	66.7	1625	8	US-10-750-185-53938	Sequence 53938, A	C 357	12	66.7	7979	8	US-10-509-921-9	Sequence 9, Appl
C 285	12	66.7	1625	8	US-10-750-623-53938	Sequence 53938, A	C 358	12	66.7	7979	8	US-10-509-921-10	Sequence 10, Appl
C 286	12	66.7	1656	6	US-09-925-065A-66949	Sequence 66949, A	C 359	12	66.7	7979	8	US-10-509-921-11	Sequence 11, Appl
C 287	12	66.7	1656	6	US-09-925-065A-66950	Sequence 66950, A	C 360	12	66.7	7979	8	US-10-509-921-12	Sequence 12, Appl
C 288	12	66.7	1656	6	US-09-925-065A-66951	Sequence 66951, A	C 361	12	66.7	7980	8	US-10-509-921-13	Sequence 13, Appl
C 289	12	66.7	1665	8	US-09-925-065A-66952	Sequence 66952, A	C 362	12	66.7	7980	8	US-10-509-921-14	Sequence 14, Appl
C 290	12	66.7	1665	8	US-10-750-185-32669	Sequence 32669, A	C 363	12	66.7	7980	8	US-10-509-921-5	Sequence 5, Appl
C 291	12	66.7	1665	8	US-10-750-623-32669	Sequence 32669, A	C 364	12	66.7	7980	8	US-10-509-921-7	Sequence 7, Appl
C 292	12	66.7	1681	6	US-09-925-065A-68113	Sequence 68113, A	C 365	12	66.7	7987	12	US-11-173-792-5	Sequence 5, Appl
C 293	12	66.7	1682	6	US-09-925-065A-13255	Sequence 13255, A	C 366	12	66.7	7987	12	US-11-173-792-8	Sequence 8, Appl
C 294	12	66.7	1682	6	US-09-925-065A-13256	Sequence 13256, A	C 367	12	66.7	7987	12	US-11-173-792-13	Sequence 13, Appl
C 295	12	66.7	1682	6	US-09-925-065A-13257	Sequence 13257, A	C 368	12	66.7	7989	8	US-10-509-921-6	Sequence 6, Appl
C 296	12	66.7	1682	6	US-09-925-065A-13258	Sequence 13258, A	C 369	12	66.7	7989	8	US-10-509-921-8	Sequence 8, Appl
C 297	12	66.7	1682	6	US-09-925-065A-13259	Sequence 13259, A	C 370	12	66.7	7989	8	US-10-509-921-13	Sequence 13, Appl
C 298	12	66.7	1682	6	US-09-925-065A-13260	Sequence 13260, A	C 371	12	66.7	7989	8	US-10-509-921-14	Sequence 14, Appl
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C 300	12	66.7	1765	6	US-09-925-065A-673992	Sequence 673992, A	C 373	12	66.7	7989	12	US-11-173-792-9	Sequence 9, Appl
C 301	12	66.7	1822	12	US-11-136-527-483	Sequence 483, App	C 374	12	66.7	7989	12	US-11-173-792-6	Sequence 6, Appl
C 302	12	66.7	1822	12	US-09-925-065A-73950	Sequence 73950, A	C 375	12	66.7	7989	12	US-11-173-792-9	Sequence 9, Appl
C 303	12	66.7	1915	12	US-11-135-604-7	Sequence 7, Appl	C 376	12	66.7	7989	12	US-11-173-792-10	Sequence 10, Appl
C 304	12	66.7	1917	12	US-11-136-527-1006	Sequence 1006, App	C 377	12	66.7	7992	8	US-10-509-921-3	Sequence 3, Appl
C 305	12	66.7	1933	6	US-09-925-065A-681717	Sequence 681717, A	C 378	12	66.7	7992	12	US-11-111-686-1	Sequence 1, Appl
C 306	12	66.7	1933	6	US-09-925-065A-681718	Sequence 681718, A	C 379	12	66.7	7992	12	US-11-111-686-2	Sequence 2, Appl
C 307	12	66.7	1991	8	US-10-750-185-63234	Sequence 63234, A	C 380	12	66.7	7992	12	US-11-111-686-4	Sequence 4, Appl
C 308	12	66.7	1991	8	US-10-750-623-63234	Sequence 63234, A	C 381	12	66.7	7992	12	US-11-111-686-5	Sequence 5, Appl
C 309	12	66.7	2073	8	US-10-750-185-53658	Sequence 53658, A	C 382	12	66.7	7992	12	US-11-111-686-6	Sequence 6, Appl
C 310	12	66.7	2073	8	US-10-750-623-53658	Sequence 53658, A	C 383	12	66.7	7995	12	US-11-111-686-3	Sequence 3, Appl
C 311	12	66.7	2110	9	US-11-072-512-1778	Sequence 1778, App	C 384	12	66.7	9599	8	US-10-985-205-1	Sequence 1, Appl
C 312	12	66.7	2125	6	US-09-925-065A-55697	Sequence 55697, A	C 385	12	66.7	9603	12	US-11-128-061-1069	Sequence 1069, App

C 386	12	66.7	9603	12	US-11-128-049-1069	Sequence 1069, Ap	459	11	61.1	19	11	US-11-083-784-1372193	Sequence 1372193,
C 387	12	66.7	10177	12	US-11-124-367A-183	Sequence 183, App	460	11	61.1	20	8	US-10-310-914A-207415	Sequence 207415,
C 388	12	66.7	10240	12	US-11-124-367A-184	Sequence 184, App	C 461	11	61.1	20	8	US-10-310-914A-231453	Sequence 231453,
C 389	12	66.7	10372	12	US-11-124-367A-181	Sequence 181, App	C 462	11	61.1	20	8	US-10-310-914A-387653	Sequence 387653,
C 390	12	66.7	10471	12	US-11-124-367A-180	Sequence 180, App	C 463	11	61.1	20	8	US-10-310-914A-605770	Sequence 605770,
C 391	12	66.7	10475	12	US-11-124-367A-182	Sequence 182, App	C 464	11	61.1	20	8	US-10-310-914A-746678	Sequence 746678,
C 392	12	66.7	10931	7	US-10-893-483-1137	Sequence 137, App	C 465	11	61.1	20	8	US-10-310-914A-761083	Sequence 761083,
C 393	12	66.7	11062	12	US-11-128-061-566	Sequence 566, App	C 466	11	61.1	21	8	US-10-858-341-39	Sequence 39, Appl
C 394	12	66.7	11062	12	US-11-128-049-566	Sequence 566, App	C 467	11	61.1	21	8	US-10-310-914A-937746	Sequence 937746,
C 395	12	66.7	12047	9	US-11-166-234-11	Sequence 11, Appl	C 468	11	61.1	21	8	US-10-310-914A-1079350	Sequence 1079350,
C 396	12	66.7	12047	12	US-11-183-458-11	Sequence 11, Appl	C 469	11	61.1	21	8	US-10-310-914A-1260404	Sequence 1260404,
C 397	12	66.7	18394	8	US-10-995-561-13367	Sequence 1367, A	C 470	11	61.1	21	8	US-10-310-914A-1260424	Sequence 1260424,
C 398	12	66.7	25968	8	US-10-995-561-13248	Sequence 1348, A	C 471	11	61.1	21	12	US-11-128-024-10	Sequence 10, Appl
C 399	12	66.7	28933	8	US-10-995-561-13285	Sequence 13285, A	C 472	11	61.1	22	8	US-10-310-914A-169073	Sequence 169073,
C 400	12	66.7	30192	8	US-10-995-561-13306	Sequence 13306, A	C 473	11	61.1	22	8	US-10-310-914A-615668	Sequence 615668,
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C 402	12	66.7	34875	8	US-10-775-169-316	Sequence 316, App	C 475	11	61.1	22	8	US-10-310-914A-666938	Sequence 666938,
C 403	12	66.7	38449	8	US-10-995-561-13358	Sequence 1358, A	C 476	11	61.1	22	8	US-10-310-914A-667005	Sequence 667005,
C 404	12	66.7	40394	8	US-10-995-561-13493	Sequence 13493, A	C 477	11	61.1	22	8	US-10-310-914A-746591	Sequence 746591,
C 405	12	66.7	51086	12	US-11-124-368A-2904	Sequence 2904, Ap	C 478	11	61.1	22	8	US-10-310-914A-746681	Sequence 746681,
C 406	12	66.7	51917	8	US-10-995-561-13338	Sequence 13338, A	C 479	11	61.1	22	8	US-10-310-914A-879229	Sequence 879229,
C 407	12	66.7	53323	8	US-10-995-561-13345	Sequence 13345, A	C 480	11	61.1	22	8	US-10-310-914A-920754	Sequence 920754,
C 408	12	66.7	73072	12	US-11-124-368A-2919	Sequence 2919, Ap	C 481	11	61.1	22	8	US-10-310-914A-1302690	Sequence 1302690,
C 409	12	66.7	83528	8	US-10-995-561-13343	Sequence 1343, A	C 482	11	61.1	22	8	US-10-310-914A-1374498	Sequence 1374498,
C 410	12	66.7	84409	8	US-10-995-561-13344	Sequence 1344, A	C 483	11	61.1	23	8	US-10-310-914A-169036	Sequence 169036,
C 411	12	66.7	86361	8	US-10-995-561-13364	Sequence 13364, A	C 484	11	61.1	23	8	US-10-310-914A-231375	Sequence 231375,
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C 413	12	66.7	98309	12	US-11-124-368A-2921	Sequence 2921, Ap	C 486	11	61.1	23	8	US-10-310-914A-506235	Sequence 506235,
C 414	12	66.7	100000	12	US-11-124-368A-2985	Sequence 2985, Ap	C 487	11	61.1	23	8	US-10-310-914A-510080	Sequence 510080,
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C 416	12	66.7	130733	12	US-11-121-086-19	Sequence 19, Appl	C 489	11	61.1	23	8	US-10-310-914A-795120	Sequence 795120,
C 417	12	66.7	130733	12	US-11-121-086-19	Sequence 19, Appl	C 490	11	61.1	23	8	US-10-310-914A-920730	Sequence 920730,
C 418	12	66.7	150468	8	US-11-112-908-56	Sequence 56, Appl	C 491	11	61.1	23	8	US-10-310-914A-1079292	Sequence 1079292,
C 419	12	66.7	151152	8	US-10-775-169-243	Sequence 243, App	C 492	11	61.1	23	8	US-10-310-914A-1101612	Sequence 1101612,
C 420	12	66.7	153376	12	US-11-121-086-5	Sequence 5, Appl	C 493	11	61.1	23	8	US-10-310-914A-1374352	Sequence 1374352,
C 421	12	66.7	164810	12	US-11-121-086-4	Sequence 4, Appl	C 494	11	61.1	24	8	US-10-310-914A-83727	Sequence 83727, A
C 422	12	66.7	168516	12	US-11-121-086-3	Sequence 3, Appl	C 495	11	61.1	24	8	US-10-310-914A-526051	Sequence 526051,
C 423	12	66.7	171486	12	US-11-121-086-105	Sequence 105, App	C 496	11	61.1	24	8	US-10-310-914A-879223	Sequence 879223,
C 424	12	66.7	172543	12	US-11-121-086-6	Sequence 6, Appl	C 497	11	61.1	24	8	US-10-310-914A-1101613	Sequence 1101613,
C 425	12	66.7	175100	12	US-11-121-086-21	Sequence 21, Appl	C 498	11	61.1	24	8	US-10-310-914A-1239142	Sequence 1239142,
C 426	12	66.7	175673	12	US-11-121-086-55	Sequence 55, Appl	C 499	11	61.1	24	8	US-10-310-914A-1323691	Sequence 1323691,
C 427	12	66.7	179777	12	US-11-121-086-106	Sequence 106, App	C 500	11	61.1	25	8	US-10-310-914A-143611	Sequence 143611,
C 428	12	66.7	179777	12	US-11-121-086-106	Sequence 106, App	C 501	11	61.1	25	8	US-10-310-914A-510056	Sequence 510056,
C 429	12	66.7	180531	9	US-11-114-798-57	Sequence 57, Appl	C 502	11	61.1	25	8	US-10-310-914A-852673	Sequence 852673,
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C 433	12	66.7	191091	12	US-11-121-086-60	Sequence 60, Appl	C 506	11	61.1	25	12	US-11-121-849-47250	Sequence 47250, A
C 434	12	66.7	193789	12	US-11-112-908-55	Sequence 55, Appl	C 507	11	61.1	25	12	US-11-121-849-89144	Sequence 89144, A
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C 436	12	66.7	217623	12	US-11-112-908-33	Sequence 33, Appl	C 509	11	61.1	25	12	US-11-121-849-123927	Sequence 123927,
C 437	12	66.7	220895	8	US-10-775-169-88	Sequence 88, Appl	C 510	11	61.1	25	12	US-11-121-849-217758	Sequence 217758,
C 438	12	66.7	318488	9	US-11-114-798-58	Sequence 58, Appl	C 511	11	61.1	25	12	US-11-121-849-289144	Sequence 289144,
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C 440	11	61.1	18	8	US-10-750-185-15959	Sequence 15959, A	C 513	11	61.1	25	12	US-11-121-849-301028	Sequence 301028,
C 441	11	61.1	18	8	US-10-750-623-15959	Sequence 15959, A	C 514	11	61.1	25	12	US-11-121-849-301028	Sequence 301028,
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C 447	11	61.1	19	10	US-11-101-244-51009	Sequence 51009, A	C 520	11	61.1	28	8	US-10-310-914A-666939	Sequence 666939,
C 448	11	61.1	19	10	US-11-101-244-767877	Sequence 767877, A	C 521	11	61.1	30	8	US-10-310-914A-1323701	Sequence 1323701,
C 449	11	61.1	19	10	US-11-101-244-983989	Sequence 983989, A	C 522	11	61.1	50	12	US-11-175-859-13452	Sequence 13452, A
C 450	11	61.1	19	10	US-11-101-244-1216082	Sequence 1216082, A	C 523	11	61.1	50	12	US-11-175-859-18436	Sequence 18436, A
C 451	11	61.1	19	10	US-11-101-244-1216091	Sequence 1216091, A	C 524	11	61.1	50	12	US-11-175-859-18436	Sequence 18436, A
C 452	11	61.1	19	10	US-11-101-244-1216098	Sequence 1216098, A	C 525	11	61.1	50	12	US-11-175-859-76284	Sequence 76284, A
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C 454	11	61.1	19	11	US-11-083-784-51009	Sequence 51009, A	C 527	11	61.1	68	8	US-10-310-914A-1620	Sequence 1620, Ap
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C 456	11	61.1	19	11	US-11-083-784-983989	Sequence 983989, A	C 529	11	61.1	193	7	US-10-349-331-1366	Sequence 1366, Ap
C 457	11	61.1	19	11	US-11-083-784-1216082	Sequence 1216082, A	C 530	11	61.1	201	8	US-10-995-561-7428	Sequence 7428, Ap
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C 533	11	61.1	201	8	US-10-995-561-7433	Sequence 7433, Ap	C 606	11	61.1	321	6	US-09-925-065A-472030	Sequence 472030,
C 534	11	61.1	201	8	US-10-995-561-7499	Sequence 7499, Ap	C 607	11	61.1	326	6	US-09-925-065A-211571	Sequence 211571,
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C 546	11	61.1	201	8	US-10-995-561-34440	Sequence 34440, A	617	11	61.1	376	6	US-09-925-065A-244387	Sequence 244387,
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c 701	11	61.1	497	12	US-11-128-049-3470	Sequence 3470, Ap	774	11	61.1	534	6	US-09-925-065A-160564	Sequence 160564,
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734	11	61.1	516	6	US-09-925-065A-258990	Sequence 258990,	c 807	11	61.1	545	6	US-09-925-065A-147433	Sequence 147433,
c 735	11	61.1	516	6	US-09-925-065A-264477	Sequence 264477,	c 808	11	61.1	545	6	US-09-925-065A-349870	Sequence 349870,
c 736	11	61.1	516	6	US-09-925-065A-264478	Sequence 264478,	c 809	11	61.1	545	6	US-09-925-065A-349871	Sequence 349871,
c 737	11	61.1	516	6	US-09-925-065A-296641	Sequence 296641,	c 810	11	61.1	546	6	US-09-925-065A-525556	Sequence 525556,
c 738	11	61.1	518	6	US-09-925-065A-426531	Sequence 426531,	c 811	11	61.1	547	6	US-09-925-065A-41758	Sequence 41758, A
c 739	11	61.1	518	6	US-09-925-065A-460776	Sequence 460776,	c 812	11	61.1	547	6	US-09-925-065A-519460	Sequence 519460,
740	11	61.1	518	12	US-11-128-061-3689	Sequence 3689, Ap	c 813	11	61.1	547	6	US-09-925-065A-519461	Sequence 519461,
741	11	61.1	518	12	US-11-128-049-3689	Sequence 3689, Ap	c 814	11	61.1	547	6	US-09-925-065A-650538	Sequence 650538,
742	11	61.1	519	6	US-09-925-065A-513216	Sequence 513216,	c 815	11	61.1	547	6	US-09-925-065A-650539	Sequence 650539,
743	11	61.1	519	6	US-09-925-065A-526395	Sequence 526395,	c 816	11	61.1	548	6	US-09-925-065A-20384	Sequence 20384, A
c 744	11	61.1	519	6	US-09-925-065A-739250	Sequence 739250,	c 817	11	61.1	548	6	US-09-925-065A-192158	Sequence 192158,
c 745	11	61.1	520	6	US-09-925-065A-423647	Sequence 423647,	c 818	11	61.1	548	6	US-09-925-065A-359959	Sequence 359959,
c 746	11	61.1	520	6	US-09-925-065A-423648	Sequence 423648,	c 819	11	61.1	548	6	US-09-925-065A-359959	Sequence 359959,
c 747	11	61.1	520	6	US-09-925-065A-423649	Sequence 423649,	c 820	11	61.1	550	6	US-09-925-065A-77425	Sequence 77425, A
748	11	61.1	521	6	US-09-925-065A-408520	Sequence 408520,	c 821	11	61.1	551	6	US-09-925-065A-270742	Sequence 270742,
c 749	11	61.1	521	6	US-09-925-065A-472948	Sequence 472948,	c 822	11	61.1	551	6	US-09-925-065A-221358	Sequence 221358,
c 750	11	61.1	522	6	US-09-925-065A-17859	Sequence 17859, A	c 823	11	61.1	552	6	US-09-925-065A-567040	Sequence 567040,

824	11	61.1	552	6	US-09-925-065A-567041, Sequence 567041,	Sequence 567041,	897	11	61.1	574	6	US-09-925-065A-343031, Sequence 343031,
825	11	61.1	552	6	US-09-925-065A-567042, Sequence 567042,	Sequence 567042,	c 898	11	61.1	574	6	US-09-925-065A-523423, Sequence 523423,
826	11	61.1	552	6	US-09-925-065A-808938, Sequence 808938,	Sequence 808938,	c 899	11	61.1	574	6	US-09-925-065A-762402, Sequence 762402,
827	11	61.1	553	6	US-09-925-065A-46639, A Sequence 46639, A	Sequence 46639, A	c 900	11	61.1	574	6	US-09-925-065A-830522, Sequence 830522,
828	11	61.1	553	6	US-09-925-065A-787499 Sequence 787499,	Sequence 787499,	c 901	11	61.1	574	6	US-09-925-065A-830523, Sequence 830523,
829	11	61.1	553	6	US-09-925-065A-941870 Sequence 941870,	Sequence 941870,	c 902	11	61.1	576	6	US-09-925-065A-192707 Sequence 192707,
830	11	61.1	553	6	US-09-925-065A-196132 Sequence 196132,	Sequence 196132,	c 903	11	61.1	576	6	US-09-925-065A-290590 Sequence 290590,
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832	11	61.1	554	12	US-11-128-049-47 Sequence 47, Appl	Sequence 47, Appl	c 905	11	61.1	577	6	US-09-925-065A-498714, Sequence 498714,
833	11	61.1	556	6	US-09-925-065A-354678, Sequence 354678,	Sequence 354678,	c 906	11	61.1	577	6	US-09-925-065A-498714, Sequence 498714,
834	11	61.1	556	6	US-09-925-065A-487153 Sequence 487153,	Sequence 487153,	c 907	11	61.1	578	6	US-09-925-065A-816008 Sequence 816008,
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838	11	61.1	557	6	US-09-925-065A-310361 Sequence 310361,	Sequence 310361,	c 911	11	61.1	578	6	US-09-925-065A-481264, Sequence 481264,
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841	11	61.1	558	6	US-09-925-065A-918226 Sequence 918226,	Sequence 918226,	c 914	11	61.1	578	12	US-11-112-908-151 Sequence 151, App
842	11	61.1	559	6	US-09-925-065A-502521, Sequence 502521,	Sequence 502521,	c 915	11	61.1	578	12	US-11-128-061-1218 Sequence 1218, Ap
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845	11	61.1	560	6	US-09-925-065A-396031 Sequence 396031,	Sequence 396031,	c 918	11	61.1	578	12	US-11-128-061-1617 Sequence 1617, Ap
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847	11	61.1	561	6	US-09-925-065A-154884 Sequence 154884,	Sequence 154884,	c 920	11	61.1	578	12	US-11-128-061-5259 Sequence 5259, Ap
848	11	61.1	562	6	US-09-925-065A-20274 Sequence 20274, A	Sequence 20274, A	c 921	11	61.1	578	12	US-11-128-049-1218 Sequence 1218, Ap
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11	61.1	588	6	US-09-925-065A-483567	Sequence 483567,
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11	61.1	588	6	US-09-925-065A-791783	Sequence 791783,
11	61.1	588	6	US-09-925-065A-848728	Sequence 848728,
11	61.1	589	6	US-09-925-065A-425957	Sequence 425957,
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11	61.1	590	6	US-09-925-065A-403099	Sequence 403099,
11	61.1	591	6	US-09-925-065A-455123	Sequence 455123,
11	61.1	591	6	US-09-925-065A-615119	Sequence 615119,
11	61.1	591	6	US-09-925-065A-615120	Sequence 615120,
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11	61.1	591	6	US-09-925-065A-655502	Sequence 655502,
11	61.1	591	6	US-09-925-065A-763569	Sequence 763569,
11	61.1	591	6	US-09-925-065A-831229	Sequence 831229,
11	61.1	592	6	US-09-925-065A-47224	Sequence 47224, A
11	61.1	592	6	US-09-925-065A-548236	Sequence 548236,
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ALIGNMENTS

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RESULT 1
US-11-193-526-10
; Sequence 10, Application US/11193526
; Publication No. US20060024721A1
; GENERAL INFORMATION:
; APPLICANT: PEDERSEN, Morten Lorentz
; TITLE OF INVENTION: ASSAY AND KIT FOR ANALYZING GENE EXPRESSION
; FILE REFERENCE: PEDERSEN=1A
; CURRENT APPLICATION NUMBER: US/11/193,526
; CURRENT FILING DATE: 2005-08-01
; PRIOR APPLICATION NUMBER: US/10/053,883
; PRIOR FILING DATE: 2002-01-02
; PRIOR APPLICATION NUMBER: PA 2001 00126
; PRIOR FILING DATE: 2001-01-24
; PRIOR APPLICATION NUMBER: US 60/267,704
; PRIOR FILING DATE: 2001-02-12
; NUMBER OF SEQ ID NOS: 148
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 10
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (12)..(29)
; OTHER INFORMATION: n is a, c, g or t
US-11-193-526-10

Query Match      83.3%; Score 15; DB 12; Length 29;
Best Local Similarity 86.7%; Pred. No. 5.7;
Matches 13; Conservative 2; Mismatches 0; Indels 0; Caps 0;

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RESULT 2
US-11-193-526-11/c
; Sequence 11, Application US/11193526
; Publication No. US20060024721A1
; GENERAL INFORMATION:
; APPLICANT: PEDERSEN, Morten Lorentz
; TITLE OF INVENTION: ASSAY AND KIT FOR ANALYZING GENE EXPRESSION
; FILE REFERENCE: PEDERSEN-A1A
; CURRENT APPLICATION NUMBER: US/11/193,526
; CURRENT FILING DATE: 2005-08-01
; PRIOR APPLICATION NUMBER: US/10/053,883
; PRIOR FILING DATE: 2002-01-02
; PRIOR APPLICATION NUMBER: PA 2001 00126
; PRIOR FILING DATE: 2001-01-24
; PRIOR APPLICATION NUMBER: US 60/267,704
; PRIOR FILING DATE: 2001-02-12
; NUMBER OF SEQ ID NOS: 148
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 11
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(18)
; OTHER INFORMATION: n is a, c, g or t
US-11-193-526-11

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Matches 12; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 5 UCCUGGAGNNNNN 18
Db 166 TCCTGGAGNNNNN 15

RESULT 4

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US-10-750-623-21878/c
; Sequence 21878, Application US/10750623
; Publication No. US20050287531A1
; GENERAL INFORMATION:
; APPLICANT: MMI GENOMICS, INC.
; APPLICANT: DENISE, Sue K.
; APPLICANT: KERR, Richard
; APPLICANT: ROSENFELD, David
; APPLICANT: HOLM, Tom
; APPLICANT: BATES, Stephen
; APPLICANT: FANTIN, Dennis
; TITLE OF INVENTION: METHODS AND SYSTEMS FOR INFERRING BOVINE TRAITS
; FILE REFERENCE: MM1100-1
; CURRENT APPLICATION NUMBER: US/10750,623
; CURRENT FILING DATE: 2003-12-31
; PRIOR APPLICATION NUMBER: US 60/437,482
; PRIOR FILING DATE: 2002-12-31
; NUMBER OF SEQ ID NOS: 64922
; SOFTWARE: PatentIN version 3.1
; SEQ ID NO 21878
; LENGTH: 598
; TYPE: DNA
; ORGANISM: Bovine MBET09991
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(158)
; OTHER INFORMATION: n is any nucleotide
US-10-750-623-21878

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Query Match 77.8%; Score 14; DB 8; Length 598;
Best Local Similarity 85.7%; Pred. No. 21;
Matches 12: Conservative 2; Mismatches 0; Indels

Qy 5 UCCUGGAGNNNNN 18
:|:|:|:|:|:|:|
Db 166 TCCTGGAGNNNNN 153

RESULT 5

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US-10-310-914A-696867
; Sequence 696867, Application US/10310914A
; Publication No. US20060003322A1
; GENERAL INFORMATION:
; APPLICANT: Bentwich, Isaac
; APPLICANT: Shiler, Kvazat
; TITLE OF INVENTION: Bioinformatically detectable group of novel regulatory genes and
; TITLE OF INVENTION: uses thereof
; FILE REFERENCE: 06087, 0200 CPUS01
; CURRENT APPLICATION NUMBER: US/10/310,914A
; CURRENT FILING DATE: 2002-12-06
; NUMBER OF SEQ ID NOS: 1388402
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 696867
; LENGTH: 18
; TYPE: RNA
; ORGANISM: Human
US-10-310-914A-696867

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Query Match	66.7%	Score 12	DB 8	Length 18
Best Local Similarity	100.0%	Pred. No. 3.7e+02		
Matches 12	Conservative 0	Mismatches 0	Indels 0	Gaps 0

Qy 1 GGGGUCCUGGAG 12
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Db 7 GGGGUCCUGGAG 18

RESULT 6

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US-10-310-914A-736744
; Sequence 736744, Application US/10310914A
; Publication NO. US2006000322A1
; GENERAL INFORMATION:
; APPLICANT: Bentwich, Isaac
; APPLICANT: Shiler, Kvazot
; TITLE OF INVENTION: Bioinformatically deter
; TITLE OF INVENTION: uses thereof
; FILE REFERENCE: 06087, 0200, CPU501
; CURRENT APPLICATION NUMBER: US/10/310,914A
; CURRENT FILING DATE: 2002-12-06
; NUMBER OF SEQ ID NOS: 1388402
; SOFTWARE: Patentin version 3.3
; SEQ ID NO 736744
; LENGTH: 18
; TYPE: RNA
; ORGANISM: Human
US-10-310-914A-736744

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Query Match	66.7%	Score 12;	DB 8;	Length 18;
Best Local Similarity	100.0%;	Pred. No. 3.7e+02;		
Matches 12;	Conservative	0;	Mismatches 0;	Indels 0;
				Gaps 0;

Qy 1 GGGGUCCUGGAG 12
|||
Db 3 GGGGUCCUGGAG 14

RESULT 7

US-10-310-914A-1171689
 ; Sequence 1171689, Application US/10310914A
 ; Publication NO. US20060003322A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Bentwich, Isaac
 ; APPLICANT: Shiler, Kvuzat
 ; TITLE OF INVENTION: Bioinformatically deter
 ; TITLE OF INVENTION: 0200 CPUs01
 ; FILE REFERENCE: 06087, 0200 CPUs01
 ; CURRENT APPLICATION NUMBER: US/10/310,914A
 ; CURRENT FILING DATE: 2002-12-06
 ; NUMBER OF SEQ ID NOS: 1388402
 ; SOFTWARE: Patentin version 3.3
 ; SEQ ID NO 1171689
 ; LENGTH: 19
 ; TYPE: RNA
 ; ORGANISM: Human
 US-10-310-914A-1171689

Query Match	66.7%	Score 12	DB 8	Length 19
Best Local Similarity	100.0%	Pred. No. 3.7e+02		
Matches 12	Conservative 0	Mismatches 0	Indels 0	Gaps 0

Qy 1 GGGGUCCUGGAG 12
Db 3 GGGGUCCUGGAG 14

RESULT 8

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US-10-310-914A-1374455/c
; Sequence 1374455, Application US/10310914A
; Publication NO. US20060003322A1
; GENERAL INFORMATION:
; APPLICANT: Bentwich, Isaac
; APPLICANT: Shiler, Kvazut
; TITLE OF INVENTION: Bioinformatically deter
; TITLE OF INVENTION: uses thereof
; FILE REFERENCE: 06087.0200.CPUS01
; CURRENT APPLICATION NUMBER: US/10/310,914A
; CURRENT FILING DATE: 2002-12-06
; NUMBER OF SEQ ID NOS: 1388402

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; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 1374455
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Human
US-10-310-914A-1374455

Query Match 66.7%; Score 12; DB 8; Length 19;
Best Local Similarity 83.3%; Pred. No. 3.7e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
||||:|:|:|
Db 18 GGGGTCCTGGAG 7

RESULT 9

US-10-310-914A-443589/c
; Sequence 443589, Application US/10310914A
; Publication No. US20060003322A1
; GENERAL INFORMATION:

; APPLICANT: Bentwich, Isaac
; APPLICANT: Shiler, Kuzat
; TITLE OF INVENTION: Bioinformatically detectable group of novel regulatory genes and
; FILE REFERENCE: 06087.0200.CPUS01
; CURRENT APPLICATION NUMBER: US/10/310,914A
; CURRENT FILING DATE: 2002-12-06
; NUMBER OF SEQ ID NOS: 1388402
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 443589
; LENGTH: 20
; TYPE: RNA
; ORGANISM: Human
US-10-310-914A-443589

Query Match 66.7%; Score 12; DB 8; Length 20;
Best Local Similarity 83.3%; Pred. No. 3.7e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
||||:|:|:|
Db 19 GGGGTCCTGGAG 8

RESULT 10

US-10-310-914A-1302631/c
; Sequence 1302631, Application US/10310914A
; Publication No. US20060003322A1
; GENERAL INFORMATION:

; APPLICANT: Bentwich, Isaac
; APPLICANT: Shiler, Kuzat
; TITLE OF INVENTION: Bioinformatically detectable group of novel regulatory genes and
; FILE REFERENCE: 06087.0200.CPUS01
; CURRENT APPLICATION NUMBER: US/10/310,914A
; CURRENT FILING DATE: 2002-12-06
; NUMBER OF SEQ ID NOS: 1388402
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 1302631
; LENGTH: 20
; TYPE: RNA
; ORGANISM: Human
US-10-310-914A-1302631

Query Match 66.7%; Score 12; DB 8; Length 20;
Best Local Similarity 83.3%; Pred. No. 3.7e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
||||:|:|:|
Db 12 GGGGTCCTGGAG 1

RESULT 11

US-10-310-914A-289851
; Sequence 289851, Application US/10310914A
; Publication No. US20060003322A1
; GENERAL INFORMATION:

; APPLICANT: Bentwich, Isaac
; APPLICANT: Shiler, Kuzat
; TITLE OF INVENTION: Bioinformatically detectable group of novel regulatory genes and
; FILE REFERENCE: 06087.0200.CPUS01
; CURRENT APPLICATION NUMBER: US/10/310,914A
; CURRENT FILING DATE: 2002-12-06
; NUMBER OF SEQ ID NOS: 1388402
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 289851
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Human
US-10-310-914A-289851

Query Match 66.7%; Score 12; DB 8; Length 21;
Best Local Similarity 100.0%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
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Db 9 GGGGUCCUGGAG 20

RESULT 12

US-10-310-914A-443582/c
; Sequence 443582, Application US/10310914A
; Publication No. US20060003322A1
; GENERAL INFORMATION:

; APPLICANT: Bentwich, Isaac
; APPLICANT: Shiler, Kuzat
; TITLE OF INVENTION: Bioinformatically detectable group of novel regulatory genes and
; FILE REFERENCE: 06087.0200.CPUS01
; CURRENT APPLICATION NUMBER: US/10/310,914A
; CURRENT FILING DATE: 2002-12-06
; NUMBER OF SEQ ID NOS: 1388402
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 443582
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Human
US-10-310-914A-443582

Query Match 66.7%; Score 12; DB 8; Length 21;
Best Local Similarity 83.3%; Pred. No. 3.7e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
||||:|:|:|
Db 13 GGGGTCCTGGAG 2

RESULT 13

US-10-310-914A-706745
; Sequence 706745, Application US/10310914A
; Publication No. US20060003322A1
; GENERAL INFORMATION:

; APPLICANT: Bentwich, Isaac
; APPLICANT: Shiler, Kuzat
; TITLE OF INVENTION: Bioinformatically detectable group of novel regulatory genes and
; FILE REFERENCE: 06087.0200.CPUS01
; CURRENT APPLICATION NUMBER: US/10/310,914A
; CURRENT FILING DATE: 2002-12-06
; NUMBER OF SEQ ID NOS: 1388402
; SOFTWARE: PatentIn version 3.3

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; SEQ ID NO 706745
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Human
US-10-310-914A-706745

Query Match          66.7%; Score 12; DB 8; Length 21;
Best Local Similarity 100.0%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
Db 8 GGGGUCCUGGAG 19

RESULT 14
US-10-310-914A-795102
; Sequence 795102, Application US/10310914A
; Publication No. US20060003322A1
; GENERAL INFORMATION:
; APPLICANT: Bentwich, Isaac
; APPLICANT: Shiler, Kvazat
; TITLE OF INVENTION: Bioinformatically detectable group of novel regulatory genes and
; FILE REFERENCE: 06087.0200.CPUS01
; CURRENT FILING DATE: 2002-12-06
; CURRENT APPLICATION NUMBER: US/10/310,914A
; NUMBER OF SEQ ID NOS: 1388402
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 795102
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Human
US-10-310-914A-795102

Query Match          66.7%; Score 12; DB 8; Length 21;
Best Local Similarity 100.0%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
Db 2 GGGGUCCUGGAG 13

RESULT 15
US-10-528-644A-37
; Sequence 37, Application US/10528644A
; Publication No. US20050287117A1
; GENERAL INFORMATION:
; APPLICANT: SUNG, Young Chul
; APPLICANT: YOUN, Jin-Won
; APPLICANT: YANG, Se-Hwan
; APPLICANT: PARK, Su-Hwan
; APPLICANT: LEE, Chang Geun
; TITLE OF INVENTION: A VACCINE ENHANCING THE PROTECTIVE IMMUNITY TO
; FILE REFERENCE: 428.1049
; CURRENT APPLICATION NUMBER: US/10/528,644A
; CURRENT FILING DATE: 2005-03-18
; PRIOR APPLICATION NUMBER: PCT/KR03/01951
; PRIOR FILING DATE: 2003-11-19
; PRIOR APPLICATION NUMBER: KR 2002-0058712
; PRIOR FILING DATE: 2002-09-27
; PRIOR APPLICATION NUMBER: KR 2002-68496
; PRIOR FILING DATE: 2002-11-06
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: KopatentIn 1.71
; SEQ ID NO 37
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer for HCV-R
```

```

US-10-528-644A-37

Query Match          66.7%; Score 12; DB 8; Length 22;
Best Local Similarity 83.3%; Pred. No. 3.7e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
Db 11 GGGGTCTCTGGAG 22

RESULT 16
US-10-310-914A-214781/c
; Sequence 214781, Application US/10310914A
; Publication No. US20060003322A1
; GENERAL INFORMATION:
; APPLICANT: Bentwich, Isaac
; APPLICANT: Shiler, Kvazat
; TITLE OF INVENTION: Bioinformatically detectable group of novel regulatory genes and
; FILE REFERENCE: 06087.0200.CPUS01
; CURRENT FILING DATE: 2002-12-06
; CURRENT APPLICATION NUMBER: US/10/310,914A
; NUMBER OF SEQ ID NOS: 1388402
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 214781
; LENGTH: 22
; TYPE: RNA
; ORGANISM: Human
US-10-310-914A-214781

Query Match          66.7%; Score 12; DB 8; Length 22;
Best Local Similarity 83.3%; Pred. No. 3.7e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
Db 22 GGGGTCTCTGGAG 11

RESULT 17
US-10-310-914A-214782/c
; Sequence 214782, Application US/10310914A
; Publication No. US20060003322A1
; GENERAL INFORMATION:
; APPLICANT: Bentwich, Isaac
; APPLICANT: Shiler, Kvazat
; TITLE OF INVENTION: Bioinformatically detectable group of novel regulatory genes and
; FILE REFERENCE: 06087.0200.CPUS01
; CURRENT FILING DATE: 2002-12-06
; CURRENT APPLICATION NUMBER: US/10/310,914A
; NUMBER OF SEQ ID NOS: 1388402
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 214782
; LENGTH: 22
; TYPE: RNA
; ORGANISM: Human
US-10-310-914A-214782

Query Match          66.7%; Score 12; DB 8; Length 22;
Best Local Similarity 83.3%; Pred. No. 3.7e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
Db 13 GGGGTCTCTGGAG 2

RESULT 18
US-10-310-914A-214796/c
; Sequence 214796, Application US/10310914A
; Publication No. US20060003322A1
```

```
; GENERAL INFORMATION:
; APPLICANT: Bentwich, Isaac
; APPLICANT: Shiler, Kvuzat
; TITLE OF INVENTION: Bioinformatically detectable group of novel regulatory genes and
; TITLE OF INVENTION: uses thereof
; FILE REFERENCE: 06087.0200.CPUS01
; CURRENT APPLICATION NUMBER: US/10/310,914A
; CURRENT FILING DATE: 2002-12-06
; NUMBER OF SEQ ID NOS: 1388402
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 214796
; LENGTH: 22
; TYPE: RNA
; ORGANISM: Human
US-10-310-914A-214796

Query Match      66.7%; Score 12; DB 8; Length 22;
Best Local Similarity 83.3%; Pred. No. 3.7e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
Db 14 GGGGTCCTGGAG 3

RESULT 19
US-10-310-914A-289852
; Sequence 289852, Application US/10310914A
; Publication No. US20060003322A1
; GENERAL INFORMATION:
; APPLICANT: Bentwich, Isaac
; APPLICANT: Shiler, Kvuzat
; TITLE OF INVENTION: Bioinformatically detectable group of novel regulatory genes and
; TITLE OF INVENTION: uses thereof
; FILE REFERENCE: 06087.0200.CPUS01
; CURRENT APPLICATION NUMBER: US/10/310,914A
; CURRENT FILING DATE: 2002-12-06
; NUMBER OF SEQ ID NOS: 1388402
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 289852
; LENGTH: 22
; TYPE: RNA
; ORGANISM: Human
US-10-310-914A-289852

Query Match      66.7%; Score 12; DB 8; Length 22;
Best Local Similarity 100.0%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
Db 9 GGGGUCCUGGAG 20

RESULT 20
US-10-310-914A-289943
; Sequence 289943, Application US/10310914A
; Publication No. US20060003322A1
; GENERAL INFORMATION:
; APPLICANT: Bentwich, Isaac
; APPLICANT: Shiler, Kvuzat
; TITLE OF INVENTION: Bioinformatically detectable group of novel regulatory genes and
; TITLE OF INVENTION: uses thereof
; FILE REFERENCE: 06087.0200.CPUS01
; CURRENT APPLICATION NUMBER: US/10/310,914A
; CURRENT FILING DATE: 2002-12-06
; NUMBER OF SEQ ID NOS: 1388402
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 289943
; LENGTH: 22
; TYPE: RNA
; ORGANISM: Human
US-10-310-914A-289943
```

```
Query Match      66.7%; Score 12; DB 8; Length 22;
Best Local Similarity 100.0%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
Db 11 GGGGUCCUGGAG 22

RESULT 21
US-10-310-914A-385850
; Sequence 385850, Application US/10310914A
; Publication No. US20060003322A1
; GENERAL INFORMATION:
; APPLICANT: Bentwich, Isaac
; APPLICANT: Shiler, Kvuzat
; TITLE OF INVENTION: Bioinformatically detectable group of novel regulatory genes and
; TITLE OF INVENTION: uses thereof
; FILE REFERENCE: 06087.0200.CPUS01
; CURRENT APPLICATION NUMBER: US/10/310,914A
; CURRENT FILING DATE: 2002-12-06
; NUMBER OF SEQ ID NOS: 1388402
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 385850
; LENGTH: 22
; TYPE: RNA
; ORGANISM: Human
US-10-310-914A-385850

Query Match      66.7%; Score 12; DB 8; Length 22;
Best Local Similarity 100.0%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
Db 5 GGGGUCCUGGAG 16

RESULT 22
US-10-310-914A-443575/c
; Sequence 443575, Application US/10310914A
; Publication No. US20060003322A1
; GENERAL INFORMATION:
; APPLICANT: Bentwich, Isaac
; APPLICANT: Shiler, Kvuzat
; TITLE OF INVENTION: Bioinformatically detectable group of novel regulatory genes and
; TITLE OF INVENTION: uses thereof
; FILE REFERENCE: 06087.0200.CPUS01
; CURRENT APPLICATION NUMBER: US/10/310,914A
; CURRENT FILING DATE: 2002-12-06
; NUMBER OF SEQ ID NOS: 1388402
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 443575
; LENGTH: 22
; TYPE: RNA
; ORGANISM: Human
US-10-310-914A-443575

Query Match      66.7%; Score 12; DB 8; Length 22;
Best Local Similarity 83.3%; Pred. No. 3.7e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
Db 16 GGGGTCCTGGAG 5

RESULT 23
US-10-310-914A-289853
; Sequence 289853, Application US/10310914A
; Publication No. US20060003322A1
; GENERAL INFORMATION:
```

```
; APPLICANT: Bentwich, Isaac
; APPLICANT: Shiler, Kvuzat
; TITLE OF INVENTION: Bioinformatically detectable group of novel regulatory genes and
; TITLE OF INVENTION: uses thereof
; FILE REFERENCE: 06087.0200.CPUS01
; CURRENT APPLICATION NUMBER: US/10/310,914A
; CURRENT FILING DATE: 2002-12-06
; NUMBER OF SEQ ID NOS: 1388402
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 289853
; LENGTH: 23
; TYPE: RNA
; ORGANISM: Human
US-10-310-914A-289853

Query Match      66.7%; Score 12; DB 8; Length 23;
Best Local Similarity 100.0%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
Db 9 GGGGUCCUGGAG 20

RESULT 24
US-10-310-914A-443585/c
; Sequence 443585, Application US/10310914A
; Publication No. US20060003322A1
; GENERAL INFORMATION:
; APPLICANT: Bentwich, Isaac
; APPLICANT: Shiler, Kvuzat
; TITLE OF INVENTION: Bioinformatically detectable group of novel regulatory genes and
; TITLE OF INVENTION: uses thereof
; FILE REFERENCE: 06087.0200.CPUS01
; CURRENT APPLICATION NUMBER: US/10/310,914A
; CURRENT FILING DATE: 2002-12-06
; NUMBER OF SEQ ID NOS: 1388402
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 443585
; LENGTH: 23
; TYPE: RNA
; ORGANISM: Human
US-10-310-914A-443585

Query Match      66.7%; Score 12; DB 8; Length 23;
Best Local Similarity 83.3%; Pred. No. 3.7e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
Db 12 GGGGTCTCGGAG 1

RESULT 25
US-10-310-914A-1039070/c
; Sequence 1039070, Application US/10310914A
; Publication No. US20060003322A1
; GENERAL INFORMATION:
; APPLICANT: Bentwich, Isaac
; APPLICANT: Shiler, Kvuzat
; TITLE OF INVENTION: Bioinformatically detectable group of novel regulatory genes and
; TITLE OF INVENTION: uses thereof
; FILE REFERENCE: 06087.0200.CPUS01
; CURRENT APPLICATION NUMBER: US/10/310,914A
; CURRENT FILING DATE: 2002-12-06
; NUMBER OF SEQ ID NOS: 1388402
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 1039070
; LENGTH: 23
; TYPE: RNA
; ORGANISM: Human
US-10-310-914A-1039070
```

```
Query Match      66.7%; Score 12; DB 8; Length 23;
Best Local Similarity 83.3%; Pred. No. 3.7e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
Db 13 GGGGTCTCGGAG 2

RESULT 26
US-11-193-526-111
; Sequence 111, Application US/11193526
; Publication No. US20060024721A1
; GENERAL INFORMATION:
; APPLICANT: PEDERSEN, Morten Lorentz
; TITLE OF INVENTION: ASSAY AND KIT FOR ANALYZING GENE EXPRESSION
; FILE REFERENCE: PEDERSEN-1A
; CURRENT APPLICATION NUMBER: US/11/193,526
; CURRENT FILING DATE: 2005-08-01
; PRIOR APPLICATION NUMBER: US/10/053,883
; PRIOR FILING DATE: 2002-01-02
; PRIOR APPLICATION NUMBER: PA 2001 00126
; PRIOR FILING DATE: 2001-01-24
; PRIOR APPLICATION NUMBER: US 60/267,704
; PRIOR FILING DATE: 2001-02-12
; NUMBER OF SEQ ID NOS: 148
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 111
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic
; NAME/KEY: misc feature
; LOCATION: (7)-(23)
; OTHER INFORMATION: n is a, c, g or t
US-11-193-526-111

Query Match      66.7%; Score 12; DB 12; Length 23;
Best Local Similarity 91.7%; Pred. No. 3.7e+02;
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 7 CUGGAGNNNNNN 18
Db 1 CTGGAGNNNNNN 12

RESULT 27
US-11-193-526-112/c
; Sequence 112, Application US/11193526
; Publication No. US20060024721A1
; GENERAL INFORMATION:
; APPLICANT: PEDERSEN, Morten Lorentz
; TITLE OF INVENTION: ASSAY AND KIT FOR ANALYZING GENE EXPRESSION
; FILE REFERENCE: PEDERSEN-1A
; CURRENT APPLICATION NUMBER: US/11/193,526
; CURRENT FILING DATE: 2005-08-01
; PRIOR APPLICATION NUMBER: US/10/053,883
; PRIOR FILING DATE: 2002-01-02
; PRIOR APPLICATION NUMBER: PA 2001 00126
; PRIOR FILING DATE: 2001-01-24
; PRIOR APPLICATION NUMBER: US 60/267,704
; PRIOR FILING DATE: 2001-02-12
; NUMBER OF SEQ ID NOS: 148
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 112
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic
```

```

; NAME/KEY: misc_feature
; LOCATION: (1)..(17)
; OTHER INFORMATION: n is a, c, g or t
US-11-193-526-112

Query Match      66.7%; Score 12; DB 12; Length 23;
Best Local Similarity 91.7%; Pred. No. 3.7e+02;
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      7 CUGGAGNNNNN 18
      |:|||||
Db      23 CTGGAGNNNNN 12

RESULT 28
US-10-310-914A-736761
; Sequence 736761, Application US/10310914A
; Publication No. US20060003322A1
; GENERAL INFORMATION:
; APPLICANT: Bentwich, Isaac
; APPLICANT: Shiler, Kvuzat
; TITLE OF INVENTION: Bioinformatically detectable group of novel regulatory genes and
; FILE REFERENCE: 06087.0200.CPUS01
; CURRENT APPLICATION NUMBER: US/10/310,914A
; CURRENT FILING DATE: 2002-12-06
; NUMBER OF SEQ ID NOS: 1388402
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 736761
; LENGTH: 24
; TYPE: RNA
; ORGANISM: Human
US-10-310-914A-736761

Query Match      66.7%; Score 12; DB 8; Length 24;
Best Local Similarity 100.0%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 GGGGUCCUGGAG 12
      |||||
Db      7 GGGGUCCUGGAG 18

RESULT 29
US-10-310-914A-1221898/c
; Sequence 1221898, Application US/10310914A
; Publication No. US20060003322A1
; GENERAL INFORMATION:
; APPLICANT: Bentwich, Isaac
; APPLICANT: Shiler, Kvuzat
; TITLE OF INVENTION: Bioinformatically detectable group of novel regulatory genes and
; FILE REFERENCE: 06087.0200.CPUS01
; CURRENT APPLICATION NUMBER: US/10/310,914A
; CURRENT FILING DATE: 2002-12-06
; NUMBER OF SEQ ID NOS: 1388402
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 1221898
; LENGTH: 24
; TYPE: RNA
; ORGANISM: Human
US-10-310-914A-1221898

Query Match      66.7%; Score 12; DB 8; Length 24;
Best Local Similarity 83.3%; Pred. No. 3.7e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      1 GGGGUCCUGGAG 12
      |||||:|
Db      13 GGGGTCTCTGGAG 2

RESULT 30
```

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US-10-310-914A-736825
; Sequence 736825, Application US/10310914A
; Publication No. US20060003322A1
; GENERAL INFORMATION:
; APPLICANT: Bentwich, Isaac
; APPLICANT: Shiler, Kvuzat
; TITLE OF INVENTION: Bioinformatically detectable group of novel regulatory genes and
; FILE REFERENCE: 06087.0200.CPUS01
; CURRENT APPLICATION NUMBER: US/10/310,914A
; CURRENT FILING DATE: 2002-12-06
; NUMBER OF SEQ ID NOS: 1388402
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 736825
; LENGTH: 25
; TYPE: RNA
; ORGANISM: Human
US-10-310-914A-736825

Query Match      66.7%; Score 12; DB 8; Length 25;
Best Local Similarity 100.0%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 GGGGUCCUGGAG 12
      |||||
Db      12 GGGGUCCUGGAG 23

RESULT 31
US-11-121-849-20459
; Sequence 20459, Application US/11121849
; Publication No. US20050272080A1
; GENERAL INFORMATION:
; APPLICANT: John Palma
; TITLE OF INVENTION: Methods of Genetic Analysis of Formalin Fixed Paraffin Embedded S
; FILE REFERENCE: 3684.1
; CURRENT APPLICATION NUMBER: US/11/121,849
; CURRENT FILING DATE: 2005-05-03
; PRIOR APPLICATION NUMBER: 60/567,949
; PRIOR FILING DATE: 2004-05-03
; NUMBER OF SEQ ID NOS: 673904
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 20459
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-11-121-849-20459

Query Match      66.7%; Score 12; DB 12; Length 25;
Best Local Similarity 83.3%; Pred. No. 3.7e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      1 GGGGUCCUGGAG 12
      |||||:|
Db      13 GGGGTCTCTGGAG 24

RESULT 32
US-11-136-527-232252
; Sequence 232252, Application US/11136527
; Publication No. US20050287570A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William M
; TITLE OF INVENTION: Probe Arrays For Expression Profiling of Rat Genes
; FILE REFERENCE: 031896-041000 (AM101086)
; CURRENT APPLICATION NUMBER: US/11/136,527
; CURRENT FILING DATE: 2005-05-25
; PRIOR APPLICATION NUMBER: US 60/574,294
; PRIOR FILING DATE: 2005-05-26
; NUMBER OF SEQ ID NOS: 362830
; SOFTWARE: PatentIn version 3.2
```

; SEQ ID NO 232252
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Probe
US-11-136-527-232252

Query Match 66.7%; Score 12; DB 12; Length 25;
Best Local Similarity 83.3%; Pred. No. 3.7e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
|||||:|:|:|
Db 8 GGGGTCTGGAG 19

RESULT 33

; Sequence 232255, Application US/11136527
; Publication No. US20050287570A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William M
; TITLE OF INVENTION: Probe Arrays For Expression Profiling of Rat Genes
; FILE REFERENCE: 031896-041000 (AM101086)
; CURRENT APPLICATION NUMBER: US/11/136,527
; CURRENT FILING DATE: 2005-05-25
; PRIOR APPLICATION NUMBER: US 60/574,294
; PRIOR FILING DATE: 2005-05-26
; NUMBER OF SEQ ID NOS: 362830
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 232255
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Probe
US-11-136-527-232255

Query Match 66.7%; Score 12; DB 12; Length 25;
Best Local Similarity 83.3%; Pred. No. 3.7e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
|||||:|:|:|
Db 9 GGGGTCTGGAG 20

RESULT 34

; Sequence 238961, Application US/11136527
; Publication No. US20050287570A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William M
; TITLE OF INVENTION: Probe Arrays For Expression Profiling of Rat Genes
; FILE REFERENCE: 031896-041000 (AM101086)
; CURRENT APPLICATION NUMBER: US/11/136,527
; CURRENT FILING DATE: 2005-05-25
; PRIOR APPLICATION NUMBER: US 60/574,294
; PRIOR FILING DATE: 2005-05-26
; NUMBER OF SEQ ID NOS: 362830
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 238961
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Probe
US-11-136-527-238961

Query Match 66.7%; Score 12; DB 12; Length 25;

Best Local Similarity 83.3%; Pred. No. 3.7e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
|||||:|:|:|
Db 9 GGGGTCTGGAG 20

RESULT 35

; Sequence 238964, Application US/11136527
; Publication No. US20050287570A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William M
; TITLE OF INVENTION: Probe Arrays For Expression Profiling of Rat Genes
; FILE REFERENCE: 031896-041000 (AM101086)
; CURRENT APPLICATION NUMBER: US/11/136,527
; CURRENT FILING DATE: 2005-05-25
; PRIOR APPLICATION NUMBER: US 60/574,294
; PRIOR FILING DATE: 2005-05-26
; NUMBER OF SEQ ID NOS: 362830
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 238964
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Probe
US-11-136-527-238964

Query Match 66.7%; Score 12; DB 12; Length 25;
Best Local Similarity 83.3%; Pred. No. 3.7e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
|||||:|:|:|
Db 14 GGGGTCTGGAG 25

RESULT 36

; Sequence 12, Application US/11193526
; Publication No. US20060024721A1
; GENERAL INFORMATION:
; APPLICANT: PEDERSEN, Morten Lorentz
; TITLE OF INVENTION: ASSAY AND KIT FOR ANALYZING GENE EXPRESSION
; FILE REFERENCE: PEDERSEN-1A
; CURRENT APPLICATION NUMBER: US/11/193,526
; CURRENT FILING DATE: 2005-08-01
; PRIOR APPLICATION NUMBER: US/10/053,883
; PRIOR FILING DATE: 2002-01-02
; PRIOR APPLICATION NUMBER: PA 2001 00126
; PRIOR FILING DATE: 2001-01-24
; PRIOR APPLICATION NUMBER: US 60/267,704
; PRIOR FILING DATE: 2001-02-12
; NUMBER OF SEQ ID NOS: 148
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 12
; LENGTH: 27
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic
; NAME/KEY: misc feature
; LOCATION: (11)..(27)
; OTHER INFORMATION: n is a, c, g or t
US-11-193-526-12

Query Match 66.7%; Score 12; DB 12; Length 27;
Best Local Similarity 91.7%; Pred. No. 3.7e+02;
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 7 CUGGAGNNNNNN 18
|:|||||
Db 5 CTGGAGNNNNN 16

RESULT 37
US-11-193-526-13/c
; Sequence 13, Application US/11193526
; Publication No. US20060024721A1
; GENERAL INFORMATION:
; APPLICANT: PEDERSEN, Morten Lorentz
; TITLE OF INVENTION: ASSAY AND KIT FOR ANALYZING GENE EXPRESSION
; FILE REFERENCE: PEDERSEN-A
; CURRENT APPLICATION NUMBER: US/11/193,526
; CURRENT FILING DATE: 2005-08-01
; PRIOR APPLICATION NUMBER: US/10/053,883
; PRIOR FILING DATE: 2002-01-02
; PRIOR APPLICATION NUMBER: PA 2001 00126
; PRIOR FILING DATE: 2001-01-24
; PRIOR APPLICATION NUMBER: US 60/267,704
; PRIOR FILING DATE: 2001-02-12
; NUMBER OF SEQ ID NOS: 148
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 13
; LENGTH: 27
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic
; NAME/KEY: misc feature
; LOCATION: (1)..(17)
; OTHER INFORMATION: n is a, c, g or t
US-11-193-526-13

Query Match 66.7%; Score 12; DB 12; Length 27;
Best Local Similarity 91.7%; Pred. No. 3.7e+02;
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 7 CUGGAGNNNNNN 18
|:|||||
Db 23 CTGGAGNNNNN 12

RESULT 38
US-10-517-544-12
; Sequence 12, Application US/10517544
; Publication No. US20050250100A1
; GENERAL INFORMATION:
; APPLICANT: RIKEN
; APPLICANT: KABUSHIKI KAISHA DNAFORM
; TITLE OF INVENTION: Method for utilizing the 5' end of mRNA for cloning and analysis
; FILE REFERENCE: 1336(PCT)
; CURRENT APPLICATION NUMBER: US/10/517,544
; CURRENT FILING DATE: 2004-12-10
; PRIOR APPLICATION NUMBER: JP 2002-171851
; PRIOR FILING DATE: 2002-06-12
; PRIOR APPLICATION NUMBER: JP 2002-235294
; PRIOR FILING DATE: 2002-08-12
; NUMBER OF SEQ ID NOS: 77
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 12
; LENGTH: 45
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Oligonucleotide Bg-Gsu-N6
; NAME/KEY: misc_feature
; LOCATION: (40)..(45)
; OTHER INFORMATION: "n" is any nucleotide
US-10-517-544-12

Query Match 66.7%; Score 12; DB 8; Length 45;
Best Local Similarity 91.7%; Pred. No. 3.6e+02;
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 7 CUGGAGNNNNNN 18
|:|||||
Db 34 CTGGAGNNNNN 45

RESULT 39
US-10-310-914A-14589/c
; Sequence 14589, Application US/10310914A
; Publication No. US20060003322A1
; GENERAL INFORMATION:
; APPLICANT: Bentwich, Isaac
; APPLICANT: Shiler, Kvuzat
; TITLE OF INVENTION: Bioinformatically detectable group of novel regulatory genes and
; TITLE OF INVENTION: uses thereof
; FILE REFERENCE: 06087.0200.CPUS01
; CURRENT APPLICATION NUMBER: US/10/310,914A
; CURRENT FILING DATE: 2002-12-06
; NUMBER OF SEQ ID NOS: 1388402
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 14589
; LENGTH: 62
; TYPE: RNA
; ORGANISM: Human
US-10-310-914A-14589

Query Match 66.7%; Score 12; DB 8; Length 62;
Best Local Similarity 83.3%; Pred. No. 3.6e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
|||||:
Db 33 GGGGTCCTGGAG 22

RESULT 40
US-10-310-914A-16093
; Sequence 16093, Application US/10310914A
; Publication No. US20060003322A1
; GENERAL INFORMATION:
; APPLICANT: Bentwich, Isaac
; APPLICANT: Shiler, Kvuzat
; TITLE OF INVENTION: Bioinformatically detectable group of novel regulatory genes and
; TITLE OF INVENTION: uses thereof
; FILE REFERENCE: 06087.0200.CPUS01
; CURRENT APPLICATION NUMBER: US/10/310,914A
; CURRENT FILING DATE: 2002-12-06
; NUMBER OF SEQ ID NOS: 1388402
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 16093
; LENGTH: 86
; TYPE: RNA
; ORGANISM: Human
US-10-310-914A-16093

Query Match 66.7%; Score 12; DB 8; Length 86;
Best Local Similarity 100.0%; Pred. No. 3.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
|||||
Db 61 GGGGUCCUGGAG 72

RESULT 41
US-10-995-561-12153
; Sequence 12153, Application US/10995561
; Publication No. US20050272054A1
; GENERAL INFORMATION:

; APPLICANT: CARGILL, Michele et al.
; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
; TITLE OF INVENTION: CARDIOVASCULAR DISORDERS AND DRUG RESPONSE, METHODS OF
; TITLE OF INVENTION: DETECTION AND USES THEREOF

; FILE REFERENCE: CL001559
; CURRENT APPLICATION NUMBER: US/10/995,561
; CURRENT FILING DATE: 2004-11-24
; NUMBER OF SEQ ID NOS: 85702
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 12153
; LENGTH: 201
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-995-561-12153

Query Match 66.7%; Score 12; DB 8; Length 201;
Best Local Similarity 83.3%; Pred. No. 3.5e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
|||:|:|:|
Db 105 GGGTCCTGGAG 116

RESULT 42

US-10-995-561-12154
; Sequence 12154, Application US/10995561
; Publication No. US20050272054A1
; GENERAL INFORMATION:

; APPLICANT: CARGILL, Michele et al.
; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
; TITLE OF INVENTION: CARDIOVASCULAR DISORDERS AND DRUG RESPONSE, METHODS OF
; TITLE OF INVENTION: DETECTION AND USES THEREOF

; FILE REFERENCE: CL001559
; CURRENT APPLICATION NUMBER: US/10/995,561
; CURRENT FILING DATE: 2004-11-24
; NUMBER OF SEQ ID NOS: 85702
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 12154
; LENGTH: 201
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-995-561-12154

Query Match 66.7%; Score 12; DB 8; Length 201;
Best Local Similarity 83.3%; Pred. No. 3.5e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
|||:|:|:|
Db 131 GGGTCCTGGAG 142

RESULT 43

US-10-995-561-12178
; Sequence 12178, Application US/10995561
; Publication No. US20050272054A1
; GENERAL INFORMATION:

; APPLICANT: CARGILL, Michele et al.
; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
; TITLE OF INVENTION: CARDIOVASCULAR DISORDERS AND DRUG RESPONSE, METHODS OF
; TITLE OF INVENTION: DETECTION AND USES THEREOF

; FILE REFERENCE: CL001559
; CURRENT APPLICATION NUMBER: US/10/995,561
; CURRENT FILING DATE: 2004-11-24
; NUMBER OF SEQ ID NOS: 85702
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 12178
; LENGTH: 201
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-995-561-12178

Query Match 66.7%; Score 12; DB 8; Length 201;
Best Local Similarity 83.3%; Pred. No. 3.5e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
|||:|:|:|
Db 107 GGGTCCTGGAG 118

RESULT 44

US-10-995-561-12205
; Sequence 12205, Application US/10995561
; Publication No. US20050272054A1
; GENERAL INFORMATION:

; APPLICANT: CARGILL, Michele et al.
; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
; TITLE OF INVENTION: CARDIOVASCULAR DISORDERS AND DRUG RESPONSE, METHODS OF
; TITLE OF INVENTION: DETECTION AND USES THEREOF

; FILE REFERENCE: CL001559
; CURRENT APPLICATION NUMBER: US/10/995,561
; CURRENT FILING DATE: 2004-11-24
; NUMBER OF SEQ ID NOS: 85702
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 12205
; LENGTH: 201
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-995-561-12205

Query Match 66.7%; Score 12; DB 8; Length 201;
Best Local Similarity 83.3%; Pred. No. 3.5e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
|||:|:~|:|
Db 105 GGGTCCTGGAG 116

RESULT 45

US-10-995-561-12206
; Sequence 12206, Application US/10995561
; Publication No. US20050272054A1
; GENERAL INFORMATION:

; APPLICANT: CARGILL, Michele et al.
; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
; TITLE OF INVENTION: CARDIOVASCULAR DISORDERS AND DRUG RESPONSE, METHODS OF
; TITLE OF INVENTION: DETECTION AND USES THEREOF

; FILE REFERENCE: CL001559
; CURRENT APPLICATION NUMBER: US/10/995,561
; CURRENT FILING DATE: 2004-11-24
; NUMBER OF SEQ ID NOS: 85702
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 12206
; LENGTH: 201
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-995-561-12206

Query Match 66.7%; Score 12; DB 8; Length 201;
Best Local Similarity 83.3%; Pred. No. 3.5e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
|||:|:|:|
Db 131 GGGTCCTGGAG 142

RESULT 46

US-10-995-561-12230
; Sequence 12230, Application US/10995561
; Publication No. US20050272054A1
; GENERAL INFORMATION:

; APPLICANT: CARGILL, Michele et al.

; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
; TITLE OF INVENTION: CARDIOVASCULAR DISORDERS AND DRUG RESPONSE, METHODS OF
; FILE REFERENCE: CL001559
; CURRENT APPLICATION NUMBER: US/10/995,561
; CURRENT FILING DATE: 2004-11-24
; NUMBER OF SEQ ID NOS: 85702
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 12230
; LENGTH: 201
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-995-561-12230

Query Match 66.7%; Score 12; DB 8; Length 201;
Best Local Similarity 83.3%; Pred. No. 3.5e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
|||||:|:|:|
Db 107 GGGGTCTGGAG 118

RESULT 47

US-10-995-561-12258
; Sequence 12258, Application US/10995561
; Publication No. US20050272054A1
; GENERAL INFORMATION:
; APPLICANT: CARGILL, Michele et al.

; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
; TITLE OF INVENTION: CARDIOVASCULAR DISORDERS AND DRUG RESPONSE, METHODS OF
; FILE REFERENCE: CL001559
; CURRENT APPLICATION NUMBER: US/10/995,561
; CURRENT FILING DATE: 2004-11-24
; NUMBER OF SEQ ID NOS: 85702
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 12258
; LENGTH: 201
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-995-561-12258

Query Match 66.7%; Score 12; DB 8; Length 201;
Best Local Similarity 83.3%; Pred. No. 3.5e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
|||||:|:|:|
Db 105 GGGGTCTGGAG 116

RESULT 48

US-10-995-561-12259
; Sequence 12259, Application US/10995561
; Publication No. US20050272054A1
; GENERAL INFORMATION:
; APPLICANT: CARGILL, Michele et al.

; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
; TITLE OF INVENTION: CARDIOVASCULAR DISORDERS AND DRUG RESPONSE, METHODS OF
; FILE REFERENCE: CL001559
; CURRENT APPLICATION NUMBER: US/10/995,561
; CURRENT FILING DATE: 2004-11-24
; NUMBER OF SEQ ID NOS: 85702
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 12259
; LENGTH: 201
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-995-561-12259

Query Match 66.7%; Score 12; DB 8; Length 201;

Best Local Similarity 83.3%; Pred. No. 3.5e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
|||||:|:|:|
Db 131 GGGGTCTGGAG 142

RESULT 49

US-10-995-561-12283
; Sequence 12283, Application US/10995561
; Publication No. US20050272054A1
; GENERAL INFORMATION:
; APPLICANT: CARGILL, Michele et al.

; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
; TITLE OF INVENTION: CARDIOVASCULAR DISORDERS AND DRUG RESPONSE, METHODS OF
; FILE REFERENCE: CL001559
; CURRENT APPLICATION NUMBER: US/10/995,561
; CURRENT FILING DATE: 2004-11-24
; NUMBER OF SEQ ID NOS: 85702
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 12283
; LENGTH: 201
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-995-561-12283

Query Match 66.7%; Score 12; DB 8; Length 201;
Best Local Similarity 83.3%; Pred. No. 3.5e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
|||||:|:~|:|:|
Db 107 GGGGTCTGGAG 118

RESULT 50

US-10-995-561-12311
; Sequence 12311, Application US/10995561
; Publication No. US20050272054A1
; GENERAL INFORMATION:
; APPLICANT: CARGILL, Michele et al.

; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
; TITLE OF INVENTION: CARDIOVASCULAR DISORDERS AND DRUG RESPONSE, METHODS OF
; FILE REFERENCE: CL001559
; CURRENT APPLICATION NUMBER: US/10/995,561
; CURRENT FILING DATE: 2004-11-24
; NUMBER OF SEQ ID NOS: 85702
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 12311
; LENGTH: 201
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-995-561-12311

Query Match 66.7%; Score 12; DB 8; Length 201;
Best Local Similarity 83.3%; Pred. No. 3.5e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
|||||:|:|:|
Db 105 GGGGTCTGGAG 116

RESULT 51

US-10-995-561-12312
; Sequence 12312, Application US/10995561
; Publication No. US20050272054A1
; GENERAL INFORMATION:
; APPLICANT: CARGILL, Michele et al.

; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH

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; TITLE OF INVENTION: CARDIOVASCULAR DISORDERS AND DRUG RESPONSE, METHODS OF
; FILE REFERENCE: CL001559
; CURRENT APPLICATION NUMBER: US/10/995,561
; CURRENT FILING DATE: 2004-11-24
; NUMBER OF SEQ ID NOS: 85702
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 12312
; LENGTH: 201
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-995-561-12312

Query Match      66.7%; Score 12; DB 8; Length 201;
Best Local Similarity 83.3%; Pred. No. 3.5e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      1 GGGGUCCUGGAG 12
      ||||:||||
Db      131 GGGGTCTGGAG 142

RESULT 52
US-10-995-561-12336
; Sequence 12336, Application US/10995561
; Publication No. US20050272054A1
; GENERAL INFORMATION:
; APPLICANT: CARGILL, Michele et al.
; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
; TITLE OF INVENTION: CARDIOVASCULAR DISORDERS AND DRUG RESPONSE, METHODS OF
; FILE REFERENCE: CL001559
; CURRENT APPLICATION NUMBER: US/10/995,561
; CURRENT FILING DATE: 2004-11-24
; NUMBER OF SEQ ID NOS: 85702
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 12336
; LENGTH: 201
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-995-561-12336

Query Match      66.7%; Score 12; DB 8; Length 201;
Best Local Similarity 83.3%; Pred. No. 3.5e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      1 GGGGUCCUGGAG 12
      ||||:||||
Db      107 GGGGTCTGGAG 118

RESULT 53
US-10-995-561-29327
; Sequence 29327, Application US/10995561
; Publication No. US20050272054A1
; GENERAL INFORMATION:
; APPLICANT: CARGILL, Michele et al.
; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
; TITLE OF INVENTION: CARDIOVASCULAR DISORDERS AND DRUG RESPONSE, METHODS OF
; FILE REFERENCE: CL001559
; CURRENT APPLICATION NUMBER: US/10/995,561
; CURRENT FILING DATE: 2004-11-24
; NUMBER OF SEQ ID NOS: 85702
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 29327
; LENGTH: 201
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-995-561-29327

Query Match      66.7%; Score 12; DB 8; Length 201;
Best Local Similarity 83.3%; Pred. No. 3.5e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      1 GGGGUCCUGGAG 12
      ||||:||||
Db      107 GGGGTCTGGAG 118

RESULT 54
US-10-995-561-39072
; Sequence 39072, Application US/10995561
; Publication No. US20050272054A1
; GENERAL INFORMATION:
; APPLICANT: CARGILL, Michele et al.
; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
; TITLE OF INVENTION: CARDIOVASCULAR DISORDERS AND DRUG RESPONSE, METHODS OF
; FILE REFERENCE: CL001559
; CURRENT APPLICATION NUMBER: US/10/995,561
; CURRENT FILING DATE: 2004-11-24
; NUMBER OF SEQ ID NOS: 85702
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 39072
; LENGTH: 201
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-995-561-39072

Query Match      66.7%; Score 12; DB 8; Length 201;
Best Local Similarity 83.3%; Pred. No. 3.5e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      1 GGGGUCCUGGAG 12
      ||||:||||
Db      40 GGGGTCTGGAG 51

RESULT 55
US-10-995-561-51166
; Sequence 51166, Application US/10995561
; Publication No. US20050272054A1
; GENERAL INFORMATION:
; APPLICANT: CARGILL, Michele et al.
; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
; TITLE OF INVENTION: CARDIOVASCULAR DISORDERS AND DRUG RESPONSE, METHODS OF
; FILE REFERENCE: CL001559
; CURRENT APPLICATION NUMBER: US/10/995,561
; CURRENT FILING DATE: 2004-11-24
; NUMBER OF SEQ ID NOS: 85702
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 51166
; LENGTH: 201
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-995-561-51166

Query Match      66.7%; Score 12; DB 8; Length 201;
Best Local Similarity 83.3%; Pred. No. 3.5e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      1 GGGGUCCUGGAG 12
      ||||:||||
Db      40 GGGGTCTGGAG 51

RESULT 56
US-10-995-561-51223
; Sequence 51223, Application US/10995561
; Publication No. US20050272054A1
; GENERAL INFORMATION:
; APPLICANT: CARGILL, Michele et al.
; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
; TITLE OF INVENTION: CARDIOVASCULAR DISORDERS AND DRUG RESPONSE, METHODS OF
```

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Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      1 GGGGUCCUGGAG 12
      ||||:||||
Db      40 GGGGTCTGGAG 51

RESULT 54
US-10-995-561-39072
; Sequence 39072, Application US/10995561
; Publication No. US20050272054A1
; GENERAL INFORMATION:
; APPLICANT: CARGILL, Michele et al.
; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
; TITLE OF INVENTION: CARDIOVASCULAR DISORDERS AND DRUG RESPONSE, METHODS OF
; FILE REFERENCE: CL001559
; CURRENT APPLICATION NUMBER: US/10/995,561
; CURRENT FILING DATE: 2004-11-24
; NUMBER OF SEQ ID NOS: 85702
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 39072
; LENGTH: 201
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-995-561-39072

Query Match      66.7%; Score 12; DB 8; Length 201;
Best Local Similarity 83.3%; Pred. No. 3.5e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      1 GGGGUCCUGGAG 12
      ||||:||||
Db      40 GGGGTCTGGAG 51

RESULT 55
US-10-995-561-51166
; Sequence 51166, Application US/10995561
; Publication No. US20050272054A1
; GENERAL INFORMATION:
; APPLICANT: CARGILL, Michele et al.
; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
; TITLE OF INVENTION: CARDIOVASCULAR DISORDERS AND DRUG RESPONSE, METHODS OF
; FILE REFERENCE: CL001559
; CURRENT APPLICATION NUMBER: US/10/995,561
; CURRENT FILING DATE: 2004-11-24
; NUMBER OF SEQ ID NOS: 85702
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 51166
; LENGTH: 201
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-995-561-51166

Query Match      66.7%; Score 12; DB 8; Length 201;
Best Local Similarity 83.3%; Pred. No. 3.5e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      1 GGGGUCCUGGAG 12
      ||||:||||
Db      138 GGGGTCTGGAG 149

RESULT 56
US-10-995-561-51223
; Sequence 51223, Application US/10995561
; Publication No. US20050272054A1
; GENERAL INFORMATION:
; APPLICANT: CARGILL, Michele et al.
; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
; TITLE OF INVENTION: CARDIOVASCULAR DISORDERS AND DRUG RESPONSE, METHODS OF
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```
; TITLE OF INVENTION: DETECTION AND USES THEREOF
; FILE REFERENCE: CL001559
; CURRENT APPLICATION NUMBER: US/10/995,561
; CURRENT FILING DATE: 2004-11-24
; NUMBER OF SEQ ID NOS: 85702
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 51223
; LENGTH: 201
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-995-561-51223

Query Match 66.7%; Score 12; DB 8; Length 201;
Best Local Similarity 83.3%; Pred. No. 3.5e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
Db 6 GGGGTCTCGGAG 17

RESULT 57
US-10-995-561-58472
; Sequence 58472, Application US/10995561
; Publication No. US20050272054A1
; GENERAL INFORMATION:
; APPLICANT: CARGILL, Michele et al.
; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
; TITLE OF INVENTION: CARDIOVASCULAR DISORDERS AND DRUG RESPONSE, METHODS OF
; TITLE OF INVENTION: DETECTION AND USES THEREOF
; FILE REFERENCE: CL001559
; CURRENT APPLICATION NUMBER: US/10/995,561
; CURRENT FILING DATE: 2004-11-24
; NUMBER OF SEQ ID NOS: 85702
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 58472
; LENGTH: 201
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-995-561-58472

Query Match 66.7%; Score 12; DB 8; Length 201;
Best Local Similarity 83.3%; Pred. No. 3.5e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
Db 6 GGGGTCTCGGAG 17

RESULT 58
US-10-995-561-58572
; Sequence 58572, Application US/10995561
; Publication No. US20050272054A1
; GENERAL INFORMATION:
; APPLICANT: CARGILL, Michele et al.
; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
; TITLE OF INVENTION: CARDIOVASCULAR DISORDERS AND DRUG RESPONSE, METHODS OF
; TITLE OF INVENTION: DETECTION AND USES THEREOF
; FILE REFERENCE: CL001559
; CURRENT APPLICATION NUMBER: US/10/995,561
; CURRENT FILING DATE: 2004-11-24
; NUMBER OF SEQ ID NOS: 85702
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 58572
; LENGTH: 201
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-995-561-58572

Query Match 66.7%; Score 12; DB 8; Length 201;
Best Local Similarity 83.3%; Pred. No. 3.5e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
Db 131 GGGGTCTCGGAG 142

RESULT 59
US-10-995-561-58575
; Sequence 58575, Application US/10995561
; Publication No. US20050272054A1
; GENERAL INFORMATION:
; APPLICANT: CARGILL, Michele et al.
; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
; TITLE OF INVENTION: CARDIOVASCULAR DISORDERS AND DRUG RESPONSE, METHODS OF
; TITLE OF INVENTION: DETECTION AND USES THEREOF
; FILE REFERENCE: CL001559
; CURRENT APPLICATION NUMBER: US/10/995,561
; CURRENT FILING DATE: 2004-11-24
; NUMBER OF SEQ ID NOS: 85702
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 58575
; LENGTH: 201
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-995-561-58575

Query Match 66.7%; Score 12; DB 8; Length 201;
Best Local Similarity 83.3%; Pred. No. 3.5e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
Db 173 GGGGTCTCGGAG 184

RESULT 60
US-10-995-561-58577
; Sequence 58577, Application US/10995561
; Publication No. US20050272054A1
; GENERAL INFORMATION:
; APPLICANT: CARGILL, Michele et al.
; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
; TITLE OF INVENTION: CARDIOVASCULAR DISORDERS AND DRUG RESPONSE, METHODS OF
; TITLE OF INVENTION: DETECTION AND USES THEREOF
; FILE REFERENCE: CL001559
; CURRENT APPLICATION NUMBER: US/10/995,561
; CURRENT FILING DATE: 2004-11-24
; NUMBER OF SEQ ID NOS: 85702
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 58577
; LENGTH: 201
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-995-561-58577

Query Match 66.7%; Score 12; DB 8; Length 201;
Best Local Similarity 83.3%; Pred. No. 3.5e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
Db 176 GGGGTCTCGGAG 187

RESULT 61
US-10-995-561-58578
; Sequence 58578, Application US/10995561
; Publication No. US20050272054A1
; GENERAL INFORMATION:
; APPLICANT: CARGILL, Michele et al.
; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
; TITLE OF INVENTION: CARDIOVASCULAR DISORDERS AND DRUG RESPONSE, METHODS OF
; TITLE OF INVENTION: DETECTION AND USES THEREOF
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; FILE REFERENCE: CL001559
; CURRENT APPLICATION NUMBER: US/10/995,561
; CURRENT FILING DATE: 2004-11-24
; NUMBER OF SEQ ID NOS: 85702
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 58578
; LENGTH: 201
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-995-561-58578

Query Match      66.7%; Score 12; DB 8; Length 201;
Best Local Similarity 83.3%; Pred. No. 3.5e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
Db 184 GGGGTCTCGAG 195

RESULT 62
US-10-995-561-59427
; Sequence 59427, Application US/10995561
; Publication No. US20050272054A1
; GENERAL INFORMATION:
; APPLICANT: CARGILL, Michele et al.
; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
; TITLE OF INVENTION: CARDIOVASCULAR DISORDERS AND DRUG RESPONSE, METHODS OF
; TITLE OF INVENTION: DETECTION AND USES THEREOF
; FILE REFERENCE: CL001559
; CURRENT APPLICATION NUMBER: US/10/995,561
; CURRENT FILING DATE: 2004-11-24
; NUMBER OF SEQ ID NOS: 85702
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 59427
; LENGTH: 201
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-995-561-59427

Query Match      66.7%; Score 12; DB 8; Length 201;
Best Local Similarity 83.3%; Pred. No. 3.5e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
Db 103 GGGGTCTCGAG 114

RESULT 63
US-10-995-561-59793
; Sequence 59793, Application US/10995561
; Publication No. US20050272054A1
; GENERAL INFORMATION:
; APPLICANT: CARGILL, Michele et al.
; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
; TITLE OF INVENTION: CARDIOVASCULAR DISORDERS AND DRUG RESPONSE, METHODS OF
; TITLE OF INVENTION: DETECTION AND USES THEREOF
; FILE REFERENCE: CL001559
; CURRENT APPLICATION NUMBER: US/10/995,561
; CURRENT FILING DATE: 2004-11-24
; NUMBER OF SEQ ID NOS: 85702
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 59793
; LENGTH: 201
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-995-561-59793

Query Match      66.7%; Score 12; DB 8; Length 201;
Best Local Similarity 83.3%; Pred. No. 3.5e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
Db 103 GGGGTCTCGAG 114

RESULT 64
US-10-995-561-62238
; Sequence 62238, Application US/10995561
; Publication No. US20050272054A1
; GENERAL INFORMATION:
; APPLICANT: CARGILL, Michele et al.
; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
; TITLE OF INVENTION: CARDIOVASCULAR DISORDERS AND DRUG RESPONSE, METHODS OF
; TITLE OF INVENTION: DETECTION AND USES THEREOF
; FILE REFERENCE: CL001559
; CURRENT APPLICATION NUMBER: US/10/995,561
; CURRENT FILING DATE: 2004-11-24
; NUMBER OF SEQ ID NOS: 85702
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 62238
; LENGTH: 201
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-995-561-62238

Query Match      66.7%; Score 12; DB 8; Length 201;
Best Local Similarity 83.3%; Pred. No. 3.5e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
Db 105 GGGGTCTCGAG 116

RESULT 65
US-10-995-561-62239
; Sequence 62239, Application US/10995561
; Publication No. US20050272054A1
; GENERAL INFORMATION:
; APPLICANT: CARGILL, Michele et al.
; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
; TITLE OF INVENTION: CARDIOVASCULAR DISORDERS AND DRUG RESPONSE, METHODS OF
; TITLE OF INVENTION: DETECTION AND USES THEREOF
; FILE REFERENCE: CL001559
; CURRENT APPLICATION NUMBER: US/10/995,561
; CURRENT FILING DATE: 2004-11-24
; NUMBER OF SEQ ID NOS: 85702
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 62239
; LENGTH: 201
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-995-561-62239

Query Match      66.7%; Score 12; DB 8; Length 201;
Best Local Similarity 83.3%; Pred. No. 3.5e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
Db 131 GGGGTCTCGAG 142

RESULT 66
US-10-995-561-62356
; Sequence 62356, Application US/10995561
; Publication No. US20050272054A1
; GENERAL INFORMATION:
; APPLICANT: CARGILL, Michele et al.
; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
; TITLE OF INVENTION: CARDIOVASCULAR DISORDERS AND DRUG RESPONSE, METHODS OF
; TITLE OF INVENTION: DETECTION AND USES THEREOF
; FILE REFERENCE: CL001559
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; CURRENT APPLICATION NUMBER: US/10/995,561
; CURRENT FILING DATE: 2004-11-24
; NUMBER OF SEQ ID NOS: 85702
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 62356
; LENGTH: 201
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-995-561-62356

Query Match 66.7%; Score 12; DB 8; Length 201;
Best Local Similarity 83.3%; Pred. No. 3.5e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
||||:|:|:|

Db 107 GGGGTCTGGAG 118

RESULT 67
US-10-995-561-81221
; Sequence 81221, Application US/10995561
; Publication No. US20050272054A1
; GENERAL INFORMATION:
; APPLICANT: CARGILL, Michele et al.
; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
; TITLE OF INVENTION: CARDIOVASCULAR DISORDERS AND DRUG RESPONSE, METHODS OF
; TITLE OF INVENTION: DETECTION AND USES THEREOF

; FILE REFERENCE: CL001559
; CURRENT APPLICATION NUMBER: US/10/995,561
; CURRENT FILING DATE: 2004-11-24
; NUMBER OF SEQ ID NOS: 85702
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 81221
; LENGTH: 201
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-995-561-81221

Query Match 66.7%; Score 12; DB 8; Length 201;
Best Local Similarity 83.3%; Pred. No. 3.5e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
||||:|:|:|

Db 11 GGGGTCTGGAG 22

RESULT 68
US-11-124-368A-12090
; Sequence 12090, Application US/11124368A
; Publication No. US20050287559A1
; GENERAL INFORMATION:
; APPLICANT: Michele Cargill
; APPLICANT: James J. Devlin
; APPLICANT: May Luke
; TITLE OF INVENTION: Genetic Polymorphisms Associated with
; TITLE OF INVENTION: Vascular Diseases, Methods of Detection and Uses Thereof
; FILE REFERENCE: CL001524
; CURRENT APPLICATION NUMBER: US/11/124,368A
; CURRENT FILING DATE: 2005-05-09
; PRIOR APPLICATION NUMBER: US 60/568,845
; PRIOR FILING DATE: 2004-05-07
; PRIOR APPLICATION NUMBER: US 60/625,936
; PRIOR FILING DATE: 2004-11-09
; NUMBER OF SEQ ID NOS: 21112
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 12090
; LENGTH: 201
; TYPE: DNA
; ORGANISM: Homo sapiens
US-11-124-368A-12090

Query Match 66.7%; Score 12; DB 12; Length 201;
Best Local Similarity 83.3%; Pred. No. 3.5e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
||||:|:|:|

Db 58 GGGGTCTGGAG 69

RESULT 69
US-11-124-367A-3692/c
; Sequence 3692, Application US/11124367A
; Publication No. US20060024700A1
; GENERAL INFORMATION:
; APPLICANT: Michele Cargill
; APPLICANT: Hongjin Huang
; TITLE OF INVENTION: Genetic Polymorphisms Associated with
; TITLE OF INVENTION: Fibrosis Methods of Detection and Uses Thereof
; FILE REFERENCE: CL001519.ORD
; CURRENT APPLICATION NUMBER: US/11/124,367A
; CURRENT FILING DATE: 2005-05-09
; PRIOR APPLICATION NUMBER: US 60/568,846
; PRIOR FILING DATE: 2004-05-07
; PRIOR APPLICATION NUMBER: US 60/582,609
; PRIOR FILING DATE: 2004-06-25
; PRIOR APPLICATION NUMBER: US 60/599,554
; PRIOR FILING DATE: 2004-08-09
; NUMBER OF SEQ ID NOS: 34460
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3692
; LENGTH: 201
; TYPE: DNA
; ORGANISM: Homo sapiens
US-11-124-367A-3692

Query Match 66.7%; Score 12; DB 12; Length 201;
Best Local Similarity 83.3%; Pred. No. 3.5e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
||||:|:|:|

Db 188 GGGGTCTGGAG 177

RESULT 70
US-11-124-367A-3721/c
; Sequence 3721, Application US/11124367A
; Publication No. US20060024700A1
; GENERAL INFORMATION:
; APPLICANT: Michele Cargill
; APPLICANT: Hongjin Huang
; TITLE OF INVENTION: Genetic Polymorphisms Associated with
; TITLE OF INVENTION: Fibrosis Methods of Detection and Uses Thereof
; FILE REFERENCE: CL001519.ORD
; CURRENT APPLICATION NUMBER: US/11/124,367A
; CURRENT FILING DATE: 2005-05-09
; PRIOR APPLICATION NUMBER: US 60/568,846
; PRIOR FILING DATE: 2004-05-07
; PRIOR APPLICATION NUMBER: US 60/582,609
; PRIOR FILING DATE: 2004-06-25
; PRIOR APPLICATION NUMBER: US 60/599,554
; PRIOR FILING DATE: 2004-08-09
; NUMBER OF SEQ ID NOS: 34460
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3721
; LENGTH: 201
; TYPE: DNA
; ORGANISM: Homo sapiens
US-11-124-367A-3721

Query Match 66.7%; Score 12; DB 12; Length 201;
Best Local Similarity 83.3%; Pred. No. 3.5e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
||||:|:|:|
Db 86 GGGGTCTGGAG 75

RESULT 71
US-11-124-367A-3762/c
; Sequence 3762, Application US/11124367A
; Publication No. US20060024700A1
; GENERAL INFORMATION:
; APPLICANT: Michele Cargill
; APPLICANT: Hongjin Huang
; TITLE OF INVENTION: Genetic Polymorphisms Associated with
; TITLE OF INVENTION: Fibrosis Methods of Detection and Uses Thereof
; FILE REFERENCE: CL001519.ORD
; CURRENT APPLICATION NUMBER: US/11/124,367A
; PRIOR FILING DATE: 2005-05-09
; PRIOR APPLICATION NUMBER: US 60/568,846
; PRIOR FILING DATE: 2004-05-07
; PRIOR APPLICATION NUMBER: US 60/582,609
; PRIOR FILING DATE: 2004-06-25
; PRIOR APPLICATION NUMBER: US 60/599,554
; PRIOR FILING DATE: 2004-08-09
; NUMBER OF SEQ ID NOS: 34460
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3762
; LENGTH: 201
; TYPE: DNA
; ORGANISM: Homo sapiens
US-11-124-367A-3762

Query Match 66.7%; Score 12; DB 12; Length 201;
Best Local Similarity 83.3%; Pred. No. 3.5e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
||||:|:|:|
Db 188 GGGGTCTGGAG 177

RESULT 72
US-11-124-367A-3791/c
; Sequence 3791, Application US/11124367A
; Publication No. US20060024700A1
; GENERAL INFORMATION:
; APPLICANT: Michele Cargill
; APPLICANT: Hongjin Huang
; TITLE OF INVENTION: Genetic Polymorphisms Associated with
; TITLE OF INVENTION: Fibrosis Methods of Detection and Uses Thereof
; FILE REFERENCE: CL001519.ORD
; CURRENT APPLICATION NUMBER: US/11/124,367A
; PRIOR FILING DATE: 2005-05-09
; PRIOR APPLICATION NUMBER: US 60/568,846
; PRIOR FILING DATE: 2004-05-07
; PRIOR APPLICATION NUMBER: US 60/582,609
; PRIOR FILING DATE: 2004-06-25
; PRIOR APPLICATION NUMBER: US 60/599,554
; PRIOR FILING DATE: 2004-08-09
; NUMBER OF SEQ ID NOS: 34460
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3791
; LENGTH: 201
; TYPE: DNA
; ORGANISM: Homo sapiens
US-11-124-367A-3791

Query Match 66.7%; Score 12; DB 12; Length 201;
Best Local Similarity 83.3%; Pred. No. 3.5e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
||||:|:|:|

Db 86 GGGGTCTGGAG 75

RESULT 73
US-11-124-367A-3832/c
; Sequence 3832, Application US/11124367A
; Publication No. US20060024700A1
; GENERAL INFORMATION:
; APPLICANT: Michele Cargill
; APPLICANT: Hongjin Huang
; TITLE OF INVENTION: Genetic Polymorphisms Associated with
; TITLE OF INVENTION: Fibrosis Methods of Detection and Uses Thereof
; FILE REFERENCE: CL001519.ORD
; CURRENT APPLICATION NUMBER: US/11/124,367A
; PRIOR FILING DATE: 2005-05-09
; PRIOR APPLICATION NUMBER: US 60/568,846
; PRIOR FILING DATE: 2004-05-07
; PRIOR APPLICATION NUMBER: US 60/582,609
; PRIOR FILING DATE: 2004-06-25
; PRIOR APPLICATION NUMBER: US 60/599,554
; PRIOR FILING DATE: 2004-08-09
; NUMBER OF SEQ ID NOS: 34460
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3832
; LENGTH: 201
; TYPE: DNA
; ORGANISM: Homo sapiens
US-11-124-367A-3832

Query Match 66.7%; Score 12; DB 12; Length 201;
Best Local Similarity 83.3%; Pred. No. 3.5e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
||||:|:|:|
Db 188 GGGGTCTGGAG 177

RESULT 74
US-11-124-367A-3861/c
; Sequence 3861, Application US/11124367A
; Publication No. US20060024700A1
; GENERAL INFORMATION:
; APPLICANT: Michele Cargill
; APPLICANT: Hongjin Huang
; TITLE OF INVENTION: Genetic Polymorphisms Associated with
; TITLE OF INVENTION: Fibrosis Methods of Detection and Uses Thereof
; FILE REFERENCE: CL001519.ORD
; CURRENT APPLICATION NUMBER: US/11/124,367A
; PRIOR FILING DATE: 2005-05-09
; PRIOR APPLICATION NUMBER: US 60/568,846
; PRIOR FILING DATE: 2004-05-07
; PRIOR APPLICATION NUMBER: US 60/582,609
; PRIOR FILING DATE: 2004-06-25
; PRIOR APPLICATION NUMBER: US 60/599,554
; PRIOR FILING DATE: 2004-08-09
; NUMBER OF SEQ ID NOS: 34460
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3861
; LENGTH: 201
; TYPE: DNA
; ORGANISM: Homo sapiens
US-11-124-367A-3861

Query Match 66.7%; Score 12; DB 12; Length 201;
Best Local Similarity 83.3%; Pred. No. 3.5e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
||||:|:|:|
Db 86 GGGGTCTGGAG 75

```
RESULT 75
US-11-124-367A-3902/c
; Sequence 3902, Application US/11124367A
; Publication No. US20060024700A1
; GENERAL INFORMATION:
; APPLICANT: Michele Cargill
; TITLE OF INVENTION: Genetic Polymorphisms Associated with
; FILE REFERENCE: CL001519.ORD
; CURRENT APPLICATION NUMBER: US/11/124,367A
; PRIOR FILING DATE: 2005-05-09
; PRIOR APPLICATION NUMBER: US 60/568,846
; PRIOR FILING DATE: 2004-05-07
; PRIOR APPLICATION NUMBER: US 60/582,609
; PRIOR FILING DATE: 2004-06-25
; PRIOR APPLICATION NUMBER: US 60/599,554
; PRIOR FILING DATE: 2004-08-09
; NUMBER OF SEQ ID NOS: 34460
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3902
; LENGTH: 201
; TYPE: DNA
; ORGANISM: Homo sapiens
US-11-124-367A-3902

Query Match      66.7%; Score 12; DB 12; Length 201;
Best Local Similarity 83.3%; Pred. No. 3.5e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
   |||||:||||
Db 188 GGGGTCTGGAG 177

RESULT 76
US-11-124-367A-3931/c
; Sequence 3931, Application US/11124367A
; Publication No. US20060024700A1
; GENERAL INFORMATION:
; APPLICANT: Michele Cargill
; TITLE OF INVENTION: Genetic Polymorphisms Associated with
; FILE REFERENCE: CL001519.ORD
; CURRENT APPLICATION NUMBER: US/11/124,367A
; PRIOR FILING DATE: 2005-05-09
; PRIOR APPLICATION NUMBER: US 60/568,846
; PRIOR FILING DATE: 2004-05-07
; PRIOR APPLICATION NUMBER: US 60/582,609
; PRIOR FILING DATE: 2004-06-25
; PRIOR APPLICATION NUMBER: US 60/599,554
; PRIOR FILING DATE: 2004-08-09
; NUMBER OF SEQ ID NOS: 34460
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3931
; LENGTH: 201
; TYPE: DNA
; ORGANISM: Homo sapiens
US-11-124-367A-3931

Query Match      66.7%; Score 12; DB 12; Length 201;
Best Local Similarity 83.3%; Pred. No. 3.5e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
   |||||:||||
Db 86 GGGGTCTGGAG 75

RESULT 77
US-11-124-367A-3972/c
; Sequence 3972, Application US/11124367A
; Publication No. US20060024700A1
; GENERAL INFORMATION:
; APPLICANT: Michele Cargill
; TITLE OF INVENTION: Genetic Polymorphisms Associated with
; FILE REFERENCE: CL001519.ORD
; CURRENT APPLICATION NUMBER: US/11/124,367A
; PRIOR FILING DATE: 2005-05-09
; PRIOR APPLICATION NUMBER: US 60/568,846
; PRIOR FILING DATE: 2004-05-07
; PRIOR APPLICATION NUMBER: US 60/582,609
; PRIOR FILING DATE: 2004-06-25
; PRIOR APPLICATION NUMBER: US 60/599,554
; PRIOR FILING DATE: 2004-08-09
; NUMBER OF SEQ ID NOS: 34460
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3972
; LENGTH: 201
; TYPE: DNA
; ORGANISM: Homo sapiens
US-11-124-367A-3972

Query Match      66.7%; Score 12; DB 12; Length 201;
Best Local Similarity 83.3%; Pred. No. 3.5e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
   |||||:||||
Db 86 GGGGTCTGGAG 75

RESULT 78
US-11-124-367A-4001/c
; Sequence 4001, Application US/11124367A
; Publication No. US20060024700A1
; GENERAL INFORMATION:
; APPLICANT: Michele Cargill
; TITLE OF INVENTION: Genetic Polymorphisms Associated with
; FILE REFERENCE: CL001519.ORD
; CURRENT APPLICATION NUMBER: US/11/124,367A
; PRIOR FILING DATE: 2005-05-09
; PRIOR APPLICATION NUMBER: US 60/568,846
; PRIOR FILING DATE: 2004-05-07
; PRIOR APPLICATION NUMBER: US 60/582,609
; PRIOR FILING DATE: 2004-06-25
; PRIOR APPLICATION NUMBER: US 60/599,554
; PRIOR FILING DATE: 2004-08-09
; NUMBER OF SEQ ID NOS: 34460
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 4001
; LENGTH: 201
; TYPE: DNA
; ORGANISM: Homo sapiens
US-11-124-367A-4001

Query Match      66.7%; Score 12; DB 12; Length 201;
Best Local Similarity 83.3%; Pred. No. 3.5e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
   |||||:||||
Db 188 GGGGTCTGGAG 177

RESULT 79
US-11-124-367A-22788/c
; Sequence 22788, Application US/11124367A
; Publication No. US20060024700A1
; GENERAL INFORMATION:
; APPLICANT: Michele Cargill
; TITLE OF INVENTION: Genetic Polymorphisms Associated with
; FILE REFERENCE: CL001519.ORD
; CURRENT APPLICATION NUMBER: US/11/124,367A
; PRIOR FILING DATE: 2005-05-09
; PRIOR APPLICATION NUMBER: US 60/568,846
; PRIOR FILING DATE: 2004-05-07
; PRIOR APPLICATION NUMBER: US 60/582,609
; PRIOR FILING DATE: 2004-06-25
; PRIOR APPLICATION NUMBER: US 60/599,554
; PRIOR FILING DATE: 2004-08-09
; NUMBER OF SEQ ID NOS: 34460
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 4001
; LENGTH: 201
; TYPE: DNA
; ORGANISM: Homo sapiens
US-11-124-367A-22788/c

Query Match      66.7%; Score 12; DB 12; Length 201;
Best Local Similarity 83.3%; Pred. No. 3.5e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
   |||||:||||
Db 86 GGGGTCTGGAG 75
```



```
; APPLICANT: Hongjin Huang
; TITLE OF INVENTION: Genetic Polymorphisms Associated with
; TITLE OF INVENTION: Fibrosis Methods of Detection and Uses Thereof
; FILE REFERENCE: CL001519.ORD
; CURRENT APPLICATION NUMBER: US/11/124,367A
; PRIOR FILING DATE: 2005-05-09
; PRIOR FILING DATE: 2004-05-07
; PRIOR APPLICATION NUMBER: US 60/568,846
; PRIOR FILING DATE: 2004-05-07
; PRIOR APPLICATION NUMBER: US 60/582,609
; PRIOR FILING DATE: 2004-06-25
; PRIOR APPLICATION NUMBER: US 60/599,554
; PRIOR FILING DATE: 2004-08-09
; NUMBER OF SEQ ID NOS: 34460
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 22788
; LENGTH: 201
; TYPE: DNA
; ORGANISM: Homo sapiens
US-11-124-367A-22788

Query Match 66.7%; Score 12; DB 12; Length 201;
Best Local Similarity 83.3%; Pred. No. 3.5e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
Db 188 GGGGTCCTGGAG 177

RESULT 80
US-11-124-367A-22789/c
; Sequence 22789, Application US/11124367A
; Publication No. US20060024700A1
; GENERAL INFORMATION:
; APPLICANT: Michele Cargill
; APPLICANT: Hongjin Huang
; TITLE OF INVENTION: Genetic Polymorphisms Associated with
; TITLE OF INVENTION: Fibrosis Methods of Detection and Uses Thereof
; FILE REFERENCE: CL001519.ORD
; CURRENT APPLICATION NUMBER: US/11/124,367A
; CURRENT FILING DATE: 2005-05-09
; PRIOR APPLICATION NUMBER: US 60/568,846
; PRIOR FILING DATE: 2004-05-07
; PRIOR APPLICATION NUMBER: US 60/582,609
; PRIOR FILING DATE: 2004-06-25
; PRIOR APPLICATION NUMBER: US 60/599,554
; PRIOR FILING DATE: 2004-08-09
; NUMBER OF SEQ ID NOS: 34460
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 22789
; LENGTH: 201
; TYPE: DNA
; ORGANISM: Homo sapiens
US-11-124-367A-22789

Query Match 66.7%; Score 12; DB 12; Length 201;
Best Local Similarity 83.3%; Pred. No. 3.5e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
Db 86 GGGGTCCTGGAG 75

RESULT 81
US-11-198-746-121/c
; Sequence 121, Application US/11198746
; Publication No. US20060035256A1
; GENERAL INFORMATION:
; APPLICANT: BROW, MARY ANN D.
; APPLICANT: LYAMICHEV, VICTOR I.
; APPLICANT: OLIVE, DAVID M.
; TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF
```

```
; TITLE OF INVENTION: PATHOGENS
; NUMBER OF SEQUENCES: 165
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL
; STREET: 220 MONTGOMERY STREET, SUITE 2200
; CITY: SAN FRANCISCO
; STATE: CALIFORNIA
; COUNTRY: UNITED STATES OF AMERICA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/11/198,746
; FILING DATE: 05-Aug-2005
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/941,193
; FILING DATE: 28-Aug-2001
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: CARROLL, PETER G.
; REGISTRATION NUMBER: 32,837
; REFERENCE/DOCKET NUMBER: FORS-01756
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 121:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 281 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-11-198-746-121

Query Match 66.7%; Score 12; DB 9; Length 281;
Best Local Similarity 83.3%; Pred. No. 3.5e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
Db 66 GGGGTCCTGGAG 55

RESULT 82
US-11-198-746-126/c
; Sequence 126, Application US/11198746
; Publication No. US20060035256A1
; GENERAL INFORMATION:
; APPLICANT: BROW, MARY ANN D.
; APPLICANT: LYAMICHEV, VICTOR I.
; APPLICANT: OLIVE, DAVID M.
; TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF
; TITLE OF INVENTION: PATHOGENS
; NUMBER OF SEQUENCES: 165
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL
; STREET: 220 MONTGOMERY STREET, SUITE 2200
; CITY: SAN FRANCISCO
; STATE: CALIFORNIA
; COUNTRY: UNITED STATES OF AMERICA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/11/198,746
; FILING DATE: 05-Aug-2005
```

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; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/941,193
; FILING DATE: 28-Aug-2001
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: CARROLL, PETER G.
; REGISTRATION NUMBER: 32,837
; REFERENCE/DOCKET NUMBER: FORS-01756
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 126:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 281 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-11-198-746-126

Query Match 66.7%; Score 12; DB 9; Length 281;
Best Local Similarity 83.3%; Pred. No. 3.5e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
Db 66 GGGGTCTCGGAG 55

RESULT 83
US-11-198-746-127
; Sequence 127, Application US/11198746
; Publication No. US20060035256A1
; GENERAL INFORMATION:
; APPLICANT: BROW, MARY ANN D.
; APPLICANT: LYAMICHEV, VICTOR I.
; APPLICANT: OLIVE, DAVID M.
; TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF
; TITLE OF INVENTION: PATHOGENS
; NUMBER OF SEQUENCES: 165
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL
; STREET: 220 MONTGOMERY STREET, SUITE 2200
; CITY: SAN FRANCISCO
; STATE: CALIFORNIA
; COUNTRY: UNITED STATES OF AMERICA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/11/198,746
; FILING DATE: 05-Aug-2005
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/941,193
; FILING DATE: 28-Aug-2001
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: CARROLL, PETER G.
; REGISTRATION NUMBER: 32,837
; REFERENCE/DOCKET NUMBER: FORS-01756
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 127:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 281 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-11-198-746-127

Query Match 66.7%; Score 12; DB 9; Length 281;
Best Local Similarity 83.3%; Pred. No. 3.5e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
Db 66 GGGGTCTCGGAG 55
```

```
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-11-198-746-127

Query Match 66.7%; Score 12; DB 9; Length 281;
Best Local Similarity 83.3%; Pred. No. 3.5e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
Db 216 GGGGTCTCGGAG 227

RESULT 84
US-11-198-746-128
; Sequence 128, Application US/11198746
; Publication No. US20060035256A1
; GENERAL INFORMATION:
; APPLICANT: BROW, MARY ANN D.
; APPLICANT: LYAMICHEV, VICTOR I.
; APPLICANT: OLIVE, DAVID M.
; TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF
; TITLE OF INVENTION: PATHOGENS
; NUMBER OF SEQUENCES: 165
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL
; STREET: 220 MONTGOMERY STREET, SUITE 2200
; CITY: SAN FRANCISCO
; STATE: CALIFORNIA
; COUNTRY: UNITED STATES OF AMERICA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/11/198,746
; FILING DATE: 05-Aug-2005
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/941,193
; FILING DATE: 28-Aug-2001
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: CARROLL, PETER G.
; REGISTRATION NUMBER: 32,837
; REFERENCE/DOCKET NUMBER: FORS-01756
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 128:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 281 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-11-198-746-128

Query Match 66.7%; Score 12; DB 9; Length 281;
Best Local Similarity 83.3%; Pred. No. 3.5e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
Db 216 GGGGTCTCGGAG 227

RESULT 85
US-11-198-746-132
; Sequence 132, Application US/11198746
; Publication No. US20060035256A1
```

GENERAL INFORMATION:
APPLICANT: BROW, MARY ANN D.
APPLICANT: LYAMICHEV, VICTOR I.
TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF
TITLE OF INVENTION: PATHOGENS
NUMBER OF SEQUENCES: 165
CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL
STREET: 220 MONTGOMERY STREET, SUITE 2200
CITY: SAN FRANCISCO
STATE: CALIFORNIA
COUNTRY: UNITED STATES OF AMERICA
ZIP: 94104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/11/198,746
FILING DATE: 05-Aug-2005
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/941,193
FILING DATE: 28-Aug-2001
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: CARROLL, PETER G.
REGISTRATION NUMBER: 32,837
REFERENCE/DOCKET NUMBER: FORS-01756
TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 132:
SEQUENCE CHARACTERISTICS:
LENGTH: 281 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-11-198-746-132

Query Match 66.7%; Score 12; DB 9; Length 281;
Best Local Similarity 83.3%; Pred. No. 3.5e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
|||||:|:|:|

Db 216 GGGGTCTGGAG 227

RESULT 86
US-11-198-794-121/c
Sequence 121, Application US/11198794
Publication No. US20060035257A1
GENERAL INFORMATION:
APPLICANT: BROW, MARY ANN D.
APPLICANT: LYAMICHEV, VICTOR I.
TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF
TITLE OF INVENTION: PATHOGENS
NUMBER OF SEQUENCES: 165
CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL
STREET: 220 MONTGOMERY STREET, SUITE 2200
CITY: SAN FRANCISCO
STATE: CALIFORNIA
COUNTRY: UNITED STATES OF AMERICA
ZIP: 94104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/11/198,794
FILING DATE: 05-Aug-2005
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/941,193
FILING DATE: 28-Aug-2001
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: CARROLL, PETER G.
REGISTRATION NUMBER: 32,837
REFERENCE/DOCKET NUMBER: FORS-01756
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338

OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/11/198,794
FILING DATE: 05-Aug-2005
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/941,193
FILING DATE: 28-Aug-2001
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: CARROLL, PETER G.
REGISTRATION NUMBER: 32,837
REFERENCE/DOCKET NUMBER: FORS-01756
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 121:
SEQUENCE CHARACTERISTICS:
LENGTH: 281 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-11-198-794-121

Query Match 66.7%; Score 12; DB 9; Length 281;
Best Local Similarity 83.3%; Pred. No. 3.5e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12

Db 66 GGGGTCTGGAG 55
|||||:|:|:|

RESULT 87
US-11-198-794-126/c
Sequence 126, Application US/11198794
Publication No. US20060035257A1
GENERAL INFORMATION:
APPLICANT: BROW, MARY ANN D.
APPLICANT: LYAMICHEV, VICTOR I.
TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF
TITLE OF INVENTION: PATHOGENS
NUMBER OF SEQUENCES: 165
CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL
STREET: 220 MONTGOMERY STREET, SUITE 2200
CITY: SAN FRANCISCO
STATE: CALIFORNIA
COUNTRY: UNITED STATES OF AMERICA
ZIP: 94104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/11/198,794
FILING DATE: 05-Aug-2005
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/941,193
FILING DATE: 28-Aug-2001
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: CARROLL, PETER G.
REGISTRATION NUMBER: 32,837
REFERENCE/DOCKET NUMBER: FORS-01756
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338

; INFORMATION FOR SEQ ID NO: 126:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 281 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-11-198-794-126

Query Match 66.7%; Score 12; DB 9; Length 281;
Best Local Similarity 83.3%; Pred. No. 3.5e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
||||:||||
Db 66 GGGGTCTGGAG 55

RESULT 88
US-11-198-794-127
; Sequence 127, Application US/11198794
; Publication No. US20060035257A1
; GENERAL INFORMATION:
; APPLICANT: BROW, MARY ANN D.
; APPLICANT: LYAMICHEV, VICTOR I.
; TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF
; NUMBER OF SEQUENCES: 165
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL
; STREET: 220 MONTGOMERY STREET, SUITE 2200
; CITY: SAN FRANCISCO
; STATE: CALIFORNIA
; COUNTRY: UNITED STATES OF AMERICA
; ZIP: 94104

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/11/198,794
; FILING DATE: 05-Aug-2005
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/941,193
; FILING DATE: 28-Aug-2001
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: CARROLL, PETER G.
; REGISTRATION NUMBER: 32,837
; REFERENCE/DOCKET NUMBER: FORS-01756
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 127:

; SEQUENCE CHARACTERISTICS:
; LENGTH: 281 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-11-198-794-127

Query Match 66.7%; Score 12; DB 9; Length 281;
Best Local Similarity 83.3%; Pred. No. 3.5e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
||||:||||
Db 216 GGGGTCTGGAG 227

RESULT 89
US-11-198-794-128
; Sequence 128, Application US/11198794
; Publication No. US20060035257A1
; GENERAL INFORMATION:
; APPLICANT: BROW, MARY ANN D.
; APPLICANT: LYAMICHEV, VICTOR I.
; APPLICANT: OLIVE, DAVID M.
; TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF
; NUMBER OF SEQUENCES: 165
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL
; STREET: 220 MONTGOMERY STREET, SUITE 2200
; CITY: SAN FRANCISCO
; STATE: CALIFORNIA
; COUNTRY: UNITED STATES OF AMERICA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/11/198,794
; FILING DATE: 05-Aug-2005
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/941,193
; FILING DATE: 28-Aug-2001
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: CARROLL, PETER G.
; REGISTRATION NUMBER: 32,837
; REFERENCE/DOCKET NUMBER: FORS-01756
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 128:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 281 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-11-198-794-128

Query Match 66.7%; Score 12; DB 9; Length 281;
Best Local Similarity 83.3%; Pred. No. 3.5e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
||||:||||
Db 216 GGGGTCTGGAG 227

RESULT 90
US-11-198-794-132
; Sequence 132, Application US/11198794
; Publication No. US20060035257A1
; GENERAL INFORMATION:
; APPLICANT: BROW, MARY ANN D.
; APPLICANT: LYAMICHEV, VICTOR I.
; APPLICANT: OLIVE, DAVID M.
; TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF
; NUMBER OF SEQUENCES: 165
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL
; STREET: 220 MONTGOMERY STREET, SUITE 2200
; CITY: SAN FRANCISCO
; STATE: CALIFORNIA

```

, COUNTRY: UNITED STATES OF AMERICA
, ZIP: 94104
, COMPUTER READABLE FORM:
, MEDIUM TYPE: Floppy disk
, COMPUTER: IBM PC compatible
, OPERATING SYSTEM: PC-DOS/MS-DOS
, SOFTWARE: PatentIn Release #1.0, \
, CURRENT APPLICATION DATA:
, APPLICATION NUMBER: US/11/198,794
, FILING DATE: 05-Aug-2005
, CLASSIFICATION:
, PRIORITY APPLICATION DATA:
, APPLICATION NUMBER: US/09/941,193
, FILING DATE: 28-Aug-2001
, CLASSIFICATION:
, ATTORNEY/AGENT INFORMATION:
, NAME: CARROLL, PETER G.
, REGISTRATION NUMBER: 32,837
, REFERENCE/DOCKET NUMBER: FORS-01795
, TELECOMMUNICATION INFORMATION:
, TELEPHONE: (415) 705-8410
, TELEFAX: (415) 397-8338
, INFORMATION FOR SEQ ID NO: 132:
, SEQUENCE CHARACTERISTICS:
, LENGTH: 261 base pairs
, TYPE: nucleic acid
, STRANDEDNESS: double
, TOPOLOGY: linear
, MOLECULE TYPE: DNA (genomic)
US-11-198-794-132

```

Query Match 66.7%; Score 12; DB 9; Length 281;
Best Local Similarity 83.3%; Pred. No. 3.5e+02;
Matches 10; Conservative 2; Mismatches 0; Indels

Qy	1	GGGUCCUGGAG	12
		:	
Db	216	GGGTCCTGGAG	227

RESULT 91
US-11-198-746-124/c
; Sequence 124, Application US/11198746
; Publication No. US2006003256A1
; GENERAL INFORMATION:
; APPLICANT: BROW, MARY ANN D.
; APPLICANT: LYAMICHEV, VICTOR I.
; APPLICANT: OLIVE, DAVID M.
; TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF
; TITLE OF INVENTION: PATHOGENS
; NUMBER OF SEQUENCES: 165
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL
; STREET: 220 MONTGOMERY STREET, SUITE 2200
; CITY: SAN FRANCISCO
; STATE: CALIFORNIA
; COUNTRY: UNITED STATES OF AMERICA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/11/198,746
; FILING DATE: 05-Aug-2005
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/941,193
; FILING DATE: 28-Aug-2001
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: CARROLL, PETER G.

? REGISTRATION NUMBER: 32,837
 ? REFERENCE/DOCKET NUMBER: FORS-01756
 ? TELECOMMUNICATION INFORMATION:
 ? TELEPHONE: (415) 705-8410
 ? TELEFAX: (415) 397-8338
 ? INFORMATION FOR SEQ ID NO: 124:
 ? SEQUENCE CHARACTERISTICS:
 ? LENGTH: 282 base pairs
 ? TYPE: nucleic acid
 ? STRANDEDNESS: double
 ? TOPOLOGY: linear
 ? MOLECULE TYPE: DNA (genomic)
 ? US-11-198-746-124

Query Match 66.7%; Score 12; DB 9; Length 282;
Best Local Similarity 83.3%; Pred.No. 3.5e+02;
Matches 10; Conservative 2; Mismatches 0; Indels

Qy 1 GGGGUCCUGGAG 12
66 GGGGTCCTGGAG 55

RESULT 92
US-11-198-746-130
; Sequence 130, Application US/11198746
; Publication No. US20060035256A1
; GENERAL INFORMATION:
; APPLICANT: BROW, MARY ANN D.
; APPLICANT: LYAMICHEV, VICTOR I.
; APPLICANT: OLIVE, DAVID M.
; TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF
; TITLE OF INVENTION: PATHOGENS
; NUMBER OF SEQUENCES: 165
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL
; STREET: 220 MONTGOMERY STREET, SUITE 2200
; CITY: SAN FRANCISCO
; STATE: CALIFORNIA
; COUNTRY: UNITED STATES OF AMERICA
; ZIP: 94104

```
Query Match      66.7%; Score 12; DB 9; Length 282;
Best Local Similarity 83.3%; Pred. No. 3.5e+02;
Matches 10; Conservative 2; Mismatches 0; Indels
```

```
Qy 1 GGGGUCCUGGAG 12
Db 217 GGGGTCCTGGAG 228

RESULT 93
US-11-198-794-124/c
; Sequence 124, Application US/11198794
; Publication No. US20060035257A1
; GENERAL INFORMATION:
; APPLICANT: BROW, MARY ANN D.
; APPLICANT: LYAMICHEV, VICTOR I.
; TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF
; TITLE OF INVENTION: PATHOGENS
; NUMBER OF SEQUENCES: 165
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL
; STREET: 220 MONTGOMERY STREET, SUITE 2200
; CITY: SAN FRANCISCO
; STATE: CALIFORNIA
; COUNTRY: UNITED STATES OF AMERICA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/11/198,794
; FILING DATE: 05-Aug-2005
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/941,193
; FILING DATE: 28-Aug-2001
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: CARROLL, PETER G.
; REGISTRATION NUMBER: 32,837
; REFERENCE/DOCKET NUMBER: FORS-01756
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 130:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 282 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-11-198-794-130

Query Match 66.7%; Score 12; DB 9; Length 282;
Best Local Similarity 83.3%; Pred. No. 3.5e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
Db 217 GGGGTCCTGGAG 228

RESULT 95
US-09-925-065A-168002
; Sequence 168002, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; TITLE OF INVENTION: Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925.065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 168002
; LENGTH: 290
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-168002
```

Query Match 66.7%; Score 12; DB 6; Length 290;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
|||:|:|:|
Db 251 GGGGTCTGGAG 262

RESULT 96

US-10-538-471-1/c
; Sequence 1, Application US/10538471
; Publication No. US20060035212A1
; GENERAL INFORMATION:
; APPLICANT: Balakireva, Larissa
; TITLE OF INVENTION: MOLECULES INHIBITING HEPATITIS C VIRUS PROTEIN SYNTHESIS AND METH
; FILE REFERENCE: 1759,200
; CURRENT APPLICATION NUMBER: US/10/538,471
; PRIOR FILING DATE: 2003-06-03
; PRIOR APPLICATION NUMBER: PCT/FR03/03675
; PRIOR FILING DATE: 2003-12-11
; PRIOR APPLICATION NUMBER: FR0215718
; PRIOR FILING DATE: 2002-12-12
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 1
; LENGTH: 326
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: HCV
; LOCATION: 40..372
; OTHER INFORMATION: corresponds to IRES sequence of HCV
US-10-538-471-1

Query Match 66.7%; Score 12; DB 7; Length 326;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
|||:|:|:|
Db 84 GGGGTCTGGAG 73

RESULT 97

US-11-166-234-3/c
; Sequence 3, Application US/11166234
; Publication No. US20060029582A1
; GENERAL INFORMATION:
; APPLICANT: Yu, De-Chao
; APPLICANT: Chen, Yu
; APPLICANT: Henderson, Daniel R.
; TITLE OF INVENTION: METHODS OF TREATING NEOPLASIA
; TITLE OF INVENTION: WITH COMBINATION TARGET CELL-SPECIFIC ADENOVIRUS,
; FILE REFERENCE: 348022001600
; CURRENT APPLICATION NUMBER: US/11/166,234
; CURRENT FILING DATE: 2005-06-27
; PRIOR APPLICATION NUMBER: US/09/814,357
; PRIOR FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 60/192,015
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 341
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: 5' UTR region of HCV
US-11-166-234-3

Query Match 66.7%; Score 12; DB 9; Length 341;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
|||:|:|:|
Db 123 GGGGTCTGGAG 112

RESULT 98

US-11-136-527-967/c
; Sequence 967, Application US/11136527
; Publication No. US20050287570A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William M
; TITLE OF INVENTION: Probe Arrays For Expression Profiling of Rat Genes
; FILE REFERENCE: 031896-041000 (AM101086)
; CURRENT APPLICATION NUMBER: US/11/136,527
; CURRENT FILING DATE: 2005-05-25
; PRIOR APPLICATION NUMBER: US 60/574,294
; PRIOR FILING DATE: 2005-05-26
; NUMBER OF SEQ ID NOS: 362830
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 967
; LENGTH: 354
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-11-136-527-967

Query Match 66.7%; Score 12; DB 12; Length 354;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
|||:|:|:|
Db 158 GGGGTCTGGAG 147

RESULT 99

US-11-136-527-5063
; Sequence 5063, Application US/11136527
; Publication No. US20050287570A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William M
; TITLE OF INVENTION: Probe Arrays For Expression Profiling of Rat Genes
; FILE REFERENCE: 031896-041000 (AM101086)
; CURRENT APPLICATION NUMBER: US/11/136,527
; CURRENT FILING DATE: 2005-05-25
; PRIOR APPLICATION NUMBER: US 60/574,294
; PRIOR FILING DATE: 2005-05-26
; NUMBER OF SEQ ID NOS: 362830
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 5063
; LENGTH: 354
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-11-136-527-5063

Query Match 66.7%; Score 12; DB 12; Length 354;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
|||:|:~|:|
Db 197 GGGGTCTGGAG 208

RESULT 100

US-09-925-065A-528039/c
; Sequence 528039, Application US/09925065A

Publication No. US20040181048A1
GENERAL INFORMATION:
APPLICANT: Wang, David G.
TITLE OF INVENTION: Identification and Mapping of Single
TITLE OF INVENTION: Nucleotide Polymorphisms in the Human Genome
FILE REFERENCE: 108827.135
CURRENT APPLICATION NUMBER: US/09/925,065A
PRIORITY FILING DATE: 2001-08-08
PRIORITY FILING DATE: 2000-10-24
PRIORITY FILING DATE: 2000-10-24
PRIORITY FILING DATE: 2000-11-20
PRIORITY FILING DATE: 2000-11-30
PRIORITY FILING DATE: 2000-11-30
PRIORITY FILING DATE: 2001-01-16
PRIORITY FILING DATE: 2001-01-16
PRIORITY FILING DATE: 2001-05-09
NUMBER OF SEQ ID NOS: 957086
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 528039
LENGTH: 365
TYPE: DNA
ORGANISM: Homo sapiens
US-09-925-065A-528039

Query Match 66.7%; Score 12; DB 6; Length 365;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
||||:|||||
DB 239 GGGGTCTGGAG 238

RESULT 101
US-11-198-746-122/c
Sequence 122, Application US/11198746
Publication No. US20060035256A1
GENERAL INFORMATION:
APPLICANT: BROW, MARY ANN D.
APPLICANT: LYAMICHEV, VICTOR I.
APPLICANT: OLIVE, DAVID M.
TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF
TITLE OF INVENTION: PATHOGENS
NUMBER OF SEQUENCES: 165
CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL
STREET: 220 MONTGOMERY STREET, SUITE 2200
CITY: SAN FRANCISCO
STATE: CALIFORNIA
COUNTRY: UNITED STATES OF AMERICA
ZIP: 94104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/11/198,746
FILING DATE: 05-Aug-2005
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/941,193
FILING DATE: 28-Aug-2001
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: CARROLL, PETER G.
REGISTRATION NUMBER: 32,837
REFERENCE/DOCKET NUMBER: FORS-01756
TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 122:
SEQUENCE CHARACTERISTICS:
LENGTH: 386 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-11-198-794-122

Query Match 66.7%; Score 12; DB 9; Length 386;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
||||:|||||
DB 171 GGGGTCTGGAG 160

INFORMATION FOR SEQ ID NO: 122:
SEQUENCE CHARACTERISTICS:
LENGTH: 386 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-11-198-746-122

Query Match 66.7%; Score 12; DB 9; Length 386;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
||||:|||||
DB 171 GGGGTCTGGAG 160

RESULT 102
US-11-198-794-122/c
Sequence 122, Application US/11198794
Publication No. US20060035257A1
GENERAL INFORMATION:
APPLICANT: BROW, MARY ANN D.
APPLICANT: LYAMICHEV, VICTOR I.
APPLICANT: OLIVE, DAVID M.
TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF
TITLE OF INVENTION: PATHOGENS
NUMBER OF SEQUENCES: 165
CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL
STREET: 220 MONTGOMERY STREET, SUITE 2200
CITY: SAN FRANCISCO
STATE: CALIFORNIA
COUNTRY: UNITED STATES OF AMERICA
ZIP: 94104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/11/198,794
FILING DATE: 05-Aug-2005
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/941,193
FILING DATE: 28-Aug-2001
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: CARROLL, PETER G.
REGISTRATION NUMBER: 32,837
REFERENCE/DOCKET NUMBER: FORS-01756
TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 122:
SEQUENCE CHARACTERISTICS:
LENGTH: 386 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-11-198-794-122


```
RESULT 103
US-10-623-155-264/c
; Sequence 264, Application US/10623155
; Publication No. US20050261166A1
; GENERAL INFORMATION:
; APPLICANT: Wang, Tongtong
; APPLICANT: Peckham, David W.
; APPLICANT: Retter, Marc W.
; APPLICANT: Fanger, Gary R.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
; OF INVENTION: AND DIAGNOSIS OF LUNG CANCER
; FILE REFERENCE: 210121.455C20
; CURRENT APPLICATION NUMBER: US/10/623,155
; CURRENT FILING DATE: 2003-07-17
; NUMBER OF SEQ ID NOS: 560
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 264
; LENGTH: 401
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-623-155-264

Query Match      66.7%; Score 12; DB 8; Length 401;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
DB 23 GGGGTCCTGGAG 12
||||:|||||

RESULT 104
US-09-925-065A-785088/c
; Sequence 785088, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 785088
; LENGTH: 423
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-785088

Query Match      66.7%; Score 12; DB 6; Length 423;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
DB 365 GGGGTCCTGGAG 354
||||:|||||

RESULT 105
US-09-925-065A-844774/c
; Sequence 844774, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 844774
; LENGTH: 423
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-844774

Query Match      66.7%; Score 12; DB 6; Length 434;
Best Local Similarity 91.7%; Pred. No. 3.4e+02;
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 7 CUGGAGNNNNNN 18
DB 365 GGGGTCCTGGAG 354
||||:|||||

RESULT 106
US-09-925-065A-328831/c
; Sequence 328831, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 328831
; LENGTH: 434
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-328831

Query Match      66.7%; Score 12; DB 6; Length 434;
Best Local Similarity 91.7%; Pred. No. 3.4e+02;
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 7 CUGGAGNNNNNN 18
DB 365 GGGGTCCTGGAG 354
||||:|||||
```

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Db          46 CTGGAGNNNNN 35
|:|||||
1 GGGGUCCUGGAG 12
|:|:|:|:|:|
139 GGGGTCCTGGAG 128

RESULT 107
US-09-925-065A-404880/c
; Sequence 404880, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; TITLE OF INVENTION: Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US 09/925,065A
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 404880
; LENGTH: 439
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-404880

Query Match      66.7%; Score 12; DB 6; Length 439;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
|:|:|:|:|:|
107 GGGGTCCTGGAG 96

Db          107 GGGGTCCTGGAG 96

RESULT 108
US-09-925-065A-278363/c
; Sequence 278363, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; TITLE OF INVENTION: Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US 09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 278363
; LENGTH: 441
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-278363

Query Match      66.7%; Score 12; DB 6; Length 441;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;

Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
|:|:|:|:|:|
388 GGGGTCCTGGAG 399

Db          388 GGGGTCCTGGAG 399

RESULT 110
US-10-750-185-36779/c
; Sequence 36779, Application US/10750185
; Publication No. US20050260603A1
; GENERAL INFORMATION:
; APPLICANT: MMI GENOMICS, INC.
; APPLICANT: DENISE, Sue K.
; APPLICANT: KERR, Richard
; APPLICANT: ROSENFELD, David
; APPLICANT: HOLM, Tom
; APPLICANT: BATES, Stephen
; APPLICANT: FANTIN, Dennis
; TITLE OF INVENTION: COMPOSITIONS FOR INFERRING BOVINE TRAITS
; FILE REFERENCE: MM1100-2
; CURRENT APPLICATION NUMBER: US/10/750,185
; CURRENT FILING DATE: 2003-12-31
; PRIOR APPLICATION NUMBER: US 60/437,482
; PRIOR FILING DATE: 2002-12-31
; NUMBER OF SEQ ID NOS: 64522
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 36779
; LENGTH: 457
; TYPE: DNA
; ORGANISM: Bovine
US-10-750-185-36779

Query Match      66.7%; Score 12; DB 8; Length 457;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;

Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
|:|:|:|:|:|
388 GGGGTCCTGGAG 399

Db          388 GGGGTCCTGGAG 399
```

Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
||||:|||||

Db 356 GGGGTCCTGGAG 345

RESULT 111
US-10-750-623-36779/c
; Sequence 36779, Application US/10750623
; Publication No. US20050287531A1
; GENERAL INFORMATION:
; APPLICANT: MMI GENOMICS, INC.
; APPLICANT: DENISE, Sue K.
; APPLICANT: KERR, Richard
; APPLICANT: ROSENFELD, David
; APPLICANT: HOLM, Tom
; APPLICANT: BATES, Stephen
; APPLICANT: FANTIN, Dennis
; TITLE OF INVENTION: METHODS AND SYSTEMS FOR INFERRING BOVINE TRAITS
; FILE REFERENCE: MM1100-1
; CURRENT APPLICATION NUMBER: US/10/750,623
; CURRENT FILING DATE: 2003-12-31
; PRIOR APPLICATION NUMBER: US 60/437,482
; PRIOR FILING DATE: 2002-12-31
; NUMBER OF SEQ ID NOS: 64922
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 36779
; LENGTH: 457
; TYPE: DNA
; ORGANISM: Bovine 19866881305727
US-10-750-623-36779

Query Match 66.7%; Score 12; DB 8; Length 457;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
||||:|||||

Db 356 GGGGTCCTGGAG 345

RESULT 112
US-09-925-065A-115346
; Sequence 115346, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 115346
; LENGTH: 458
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-115346

Query Match 66.7%; Score 12; DB 6; Length 458;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;

Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
||||:|||||

Db 357 GGGGTCCTGGAG 368

RESULT 113
US-09-925-065A-115347
; Sequence 115347, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 115347
; LENGTH: 458
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-115347

Query Match 66.7%; Score 12; DB 6; Length 458;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
||||:|||||

Db 357 GGGGTCCTGGAG 368

RESULT 114
US-09-925-065A-301837/c
; Sequence 301837, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 301837
; LENGTH: 485
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-301837

Query Match 66.7%; Score 12; DB 6; Length 485;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
||||:|:|:|
Db 412 GGGGTCTGGAG 401

RESULT 115

US-09-925-065A-301838/c
; Sequence 301838, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 301838
; LENGTH: 485
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-301838

Query Match 66.7%; Score 12; DB 6; Length 485;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
||||:|:|:|
Db 412 GGGGTCTGGAG 401

RESULT 116

US-09-925-065A-541482/c
; Sequence 541482, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 541482
; LENGTH: 498

; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-541482

Query Match 66.7%; Score 12; DB 6; Length 498;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
||||:|:|:|
Db 23 GGGGTCTGGAG 12

RESULT 117

US-09-925-065A-830071
; Sequence 830071, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 830071
; LENGTH: 501
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-830071

Query Match 66.7%; Score 12; DB 6; Length 501;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
||||:|:|:|
Db 62 GGGGTCTGGAG 73

RESULT 118

US-09-925-065A-270671
; Sequence 270671, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086

```
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 270671
; LENGTH: 503
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-270671

Query Match          66.7%; Score 12; DB 6; Length 503;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
    ||||:|||||
Db 254 GGGGTCTTGAG 265

RESULT 119
US-09-925-065A-270672
; Sequence 270672, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 270672
; LENGTH: 503
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-270672

Query Match          66.7%; Score 12; DB 6; Length 503;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
    ||||:|||||
Db 254 GGGGTCTTGAG 265

RESULT 120
US-09-925-065A-270673
; Sequence 270673, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16

; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 270671
; LENGTH: 503
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-270671

Query Match          66.7%; Score 12; DB 6; Length 503;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
    ||||:|||||
Db 254 GGGGTCTTGAG 265

RESULT 121
US-09-925-065A-270674
; Sequence 270674, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 270674
; LENGTH: 503
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-270674

Query Match          66.7%; Score 12; DB 6; Length 503;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
    ||||:|||||
Db 254 GGGGTCTTGAG 265

RESULT 122
US-09-925-065A-530462
; Sequence 530462, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
```

; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-08-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 530462
; LENGTH: 509
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-530462

Query Match 66.7%; Score 12; DB 6; Length 509;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
||||:|||||
Db 52 GGGGTCTGGAG 63

RESULT 123

US-09-925-065A-842326/c
; Sequence 842326, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE OF INVENTION: Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 842326
; LENGTH: 513
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-842326

Query Match 66.7%; Score 12; DB 6; Length 513;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
||||:|||||
Db 295 GGGGTCTGGAG 284

RESULT 124

US-09-925-065A-45783/c
; Sequence 45783, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE OF INVENTION: Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24

; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 45783
; LENGTH: 518
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-45783

Query Match 66.7%; Score 12; DB 6; Length 518;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
||||:|||||
Db 141 GGGGTCTGGAG 130

RESULT 125

US-09-925-065A-45784/c
; Sequence 45784, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE OF INVENTION: Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 45784
; LENGTH: 518
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-45784

Query Match 66.7%; Score 12; DB 6; Length 518;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
||||:|||||
Db 141 GGGGTCTGGAG 130

RESULT 126

US-09-925-065A-119173
; Sequence 119173, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE OF INVENTION: Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A

; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 119173
; LENGTH: 522
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-119173

Query Match 66.7%; Score 12; DB 6; Length 522;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
||||:|||||
Db 297 GGGGTCTTGGAG 308

RESULT 127

US-09-925-065A-481696/c
; Sequence 481696, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 481696
; LENGTH: 525
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-481696

Query Match 66.7%; Score 12; DB 6; Length 525;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
||||:|||||
Db 189 GGGGTCTTGGAG 178

RESULT 128

US-09-925-065A-310603
; Sequence 310603, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single

; TITLE OF INVENTION: Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 310603
; LENGTH: 529
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-310603

Query Match 66.7%; Score 12; DB 6; Length 529;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
||||:|||||
Db 186 GGGGTCTTGGAG 197

RESULT 129

US-09-925-065A-471303
; Sequence 471303, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 471303
; LENGTH: 532
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-471303

Query Match 66.7%; Score 12; DB 6; Length 532;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
||||:|||||
Db 366 GGGGTCTTGGAG 377

RESULT 130

US-09-925-065A-471304
; Sequence 471304, Application US/09925065A
; Publication No. US20040181048A1

```
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 471304
; LENGTH: 532
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-471304

Query Match      66.7%; Score 12; DB 6; Length 532;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy      1 GGGGUCCUGGAG 12
Db      366 GGGGTCTCGGAG 377
      |||||:|||||

RESULT 131
US-11-136-527-819/c
; Sequence 819, Application US/11136527
; Publication No. US20050287570A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William M
; TITLE OF INVENTION: Probe Arrays For Expression Profiling of Rat Genes
; FILE REFERENCE: 031896-041000 (AM101086)
; CURRENT APPLICATION NUMBER: US/11/136,527
; CURRENT FILING DATE: 2005-05-25
; PRIOR APPLICATION NUMBER: US 60/574,294
; PRIOR FILING DATE: 2005-05-26
; NUMBER OF SEQ ID NOS: 362830
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 819
; LENGTH: 532
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-11-136-527-819

Query Match      66.7%; Score 12; DB 12; Length 532;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy      1 GGGGUCCUGGAG 12
Db      120 GGGGTCTCGGAG 109
      |||||:|||||

RESULT 132
US-11-136-527-4915
; Sequence 4915, Application US/11136527
; Publication No. US20050287570A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William M
; TITLE OF INVENTION: Probe Arrays For Expression Profiling of Rat Genes
; FILE REFERENCE: 031896-041000 (AM101086)
```

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; CURRENT APPLICATION NUMBER: US/11/136,527
; CURRENT FILING DATE: 2005-05-25
; PRIOR APPLICATION NUMBER: US 60/574,294
; PRIOR FILING DATE: 2005-05-26
; NUMBER OF SEQ ID NOS: 362830
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 4915
; LENGTH: 532
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-11-136-527-4915

Query Match      66.7%; Score 12; DB 12; Length 532;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy      1 GGGGUCCUGGAG 12
Db      413 GGGGTCTCGGAG 424
      |||||:|||||

RESULT 133
US-11-128-061-249
; Sequence 249, Application US/11128061
; Publication No. US20060003958A1
; GENERAL INFORMATION:
; APPLICANT: Melville, Mark W.
; APPLICANT: Charlebois, Timothy S.
; APPLICANT: Mounts, William M.
; APPLICANT: Hann, Louane E.
; APPLICANT: Sinacore, Martin S.
; APPLICANT: Leonard, Mark W.
; APPLICANT: Brown, Eugene L.
; APPLICANT: Miller, Christopher P.
; TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES RELATED TO OLIGONUCLEOTIDE ARRAYS
; FILE REFERENCE: 01997.027701
; CURRENT APPLICATION NUMBER: US/11/128,061
; CURRENT FILING DATE: 2005-05-11
; PRIOR APPLICATION NUMBER: US 60/570,425
; PRIOR FILING DATE: 2004-05-11
; NUMBER OF SEQ ID NOS: 7285
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 249
; LENGTH: 536
; TYPE: DNA
; ORGANISM: Cricetus griseus
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (226)..(240)
; OTHER INFORMATION: n is a, c, g, or t
US-11-128-061-249

Query Match      66.7%; Score 12; DB 12; Length 536;
Best Local Similarity 91.7%; Pred. No. 3.4e+02;
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy      7 CUGGAGNNNNN 18
Db      220 CTGGAGNNNNN 231
      |:|||||:|||||

RESULT 134
US-11-128-061-3891
; Sequence 3891, Application US/11128061
; Publication No. US20060003958A1
; GENERAL INFORMATION:
; APPLICANT: Melville, Mark W.
; APPLICANT: Charlebois, Timothy S.
; APPLICANT: Mounts, William M.
; APPLICANT: Hann, Louane E.
; APPLICANT: Sinacore, Martin S.
; APPLICANT: Leonard, Mark W.
```


; APPLICANT: Brown, Eugene L.
; APPLICANT: Miller, Christopher P.
; TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES RELATED TO OLIGONUCLEOTIDE ARRAYS
; TITLE OF INVENTION: TO MONITOR GENE EXPRESSION
; FILE REFERENCE: 01997.027701
; CURRENT APPLICATION NUMBER: US/11/128,061
; CURRENT FILING DATE: 2005-05-11
; PRIOR APPLICATION NUMBER: US 60/570,425
; PRIOR FILING DATE: 2004-05-11
; NUMBER OF SEQ ID NOS: 7285
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 3891
; LENGTH: 536
; TYPE: DNA
; ORGANISM: Cricetulus griseus
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (226)..(240)
; OTHER INFORMATION: n is a, c, g, or t
US-11-128-061-3891

Query Match 66.7%; Score 12; DB 12; Length 536;
Best Local Similarity 91.7%; Pred. No. 3.4e+02;
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 7 CUGGAGNNNNN 18
|:|||||
Db 220 CTGGAGNNNNN 231

RESULT 135

US-11-128-049-249
; Sequence 249, Application US/11128049
; Publication No. US20060010513A1
; GENERAL INFORMATION:
; APPLICANT: Melville, Mark W.
; APPLICANT: Charlebois, Timothy S.
; APPLICANT: Mounts, William M.
; APPLICANT: Hann, Louane E.
; APPLICANT: Sinacore, Martin S.
; APPLICANT: Leonard, Mark W.
; APPLICANT: Brown, Eugene L.
; APPLICANT: Miller, Christopher P.
; TITLE OF INVENTION: OLIGONUCLEOTIDE ARRAYS TO MONITOR GENE EXPRESSION AND METHODS FOR
; TITLE OF INVENTION: MAKING AND USING SAME
; FILE REFERENCE: 01997.027700
; CURRENT APPLICATION NUMBER: US/11/128,049
; CURRENT FILING DATE: 2005-05-11
; PRIOR APPLICATION NUMBER: US 60/570,425
; PRIOR FILING DATE: 2004-05-11
; NUMBER OF SEQ ID NOS: 7285
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 249
; LENGTH: 536
; TYPE: DNA
; ORGANISM: Cricetulus griseus
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (226)..(240)
; OTHER INFORMATION: n is a, c, g, or t
US-11-128-049-249

Query Match 66.7%; Score 12; DB 12; Length 536;
Best Local Similarity 91.7%; Pred. No. 3.4e+02;
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 7 CUGGAGNNNNN 18
|:|||||
Db 220 CTGGAGNNNNN 231

RESULT 136

US-11-128-049-3891

; Sequence 3891, Application US/11128049
; Publication No. US20060010513A1
; GENERAL INFORMATION:
; APPLICANT: Melville, Mark W.
; APPLICANT: Charlebois, Timothy S.
; APPLICANT: Mounts, William M.
; APPLICANT: Hann, Louane E.
; APPLICANT: Sinacore, Martin S.
; APPLICANT: Leonard, Mark W.
; APPLICANT: Brown, Eugene L.
; APPLICANT: Miller, Christopher P.
; TITLE OF INVENTION: OLIGONUCLEOTIDE ARRAYS TO MONITOR GENE EXPRESSION AND METHODS FO
; TITLE OF INVENTION: MAKING AND USING SAME
; FILE REFERENCE: 01997.027700
; CURRENT APPLICATION NUMBER: US/11/128,049
; CURRENT FILING DATE: 2005-05-11
; PRIOR APPLICATION NUMBER: US 60/570,425
; PRIOR FILING DATE: 2004-05-11
; NUMBER OF SEQ ID NOS: 7285
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 3891
; LENGTH: 536
; TYPE: DNA
; ORGANISM: Cricetulus griseus
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (226)..(240)
; OTHER INFORMATION: n is a, c, g, or t
US-11-128-049-3891

Query Match 66.7%; Score 12; DB 12; Length 536;
Best Local Similarity 91.7%; Pred. No. 3.4e+02;
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 7 CUGGAGNNNNN 18
|:|||||
Db 220 CTGGAGNNNNN 231

RESULT 137

US-09-925-065A-365293/c
; Sequence 365293, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; TITLE OF INVENTION: Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 365293
; LENGTH: 538
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-365293

Query Match 66.7%; Score 12; DB 6; Length 538;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12

```
Db      176 GGGGTCTCTGGAG 165
||||:|:|:|
RESULT 138
US-09-925-065A-52375
; Sequence 52375, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 52375
; LENGTH: 539
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-52375

Query Match      66.7%; Score 12; DB 6; Length 539;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy      1 GGGGUCCUGGAG 12
||||:|:|:|
Db      478 GGGGTCTCTGGAG 489

RESULT 139
US-09-925-065A-404705
; Sequence 404705, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 404705
; LENGTH: 542
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-404705

Query Match      66.7%; Score 12; DB 6; Length 542;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;

Db      176 GGGGTCTCTGGAG 165
||||:|:|:|
RESULT 138
US-09-925-065A-52375
; Sequence 52375, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 52375
; LENGTH: 539
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-52375

Query Match      66.7%; Score 12; DB 6; Length 539;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy      1 GGGGUCCUGGAG 12
||||:|:|:|
Db      478 GGGGTCTCTGGAG 489

RESULT 139
US-09-925-065A-404705
; Sequence 404705, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 404705
; LENGTH: 542
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-404705

Query Match      66.7%; Score 12; DB 6; Length 542;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;

Db      176 GGGGTCTCTGGAG 165
||||:|:~|:|:|
RESULT 140
US-09-925-065A-101260
; Sequence 101260, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 101260
; LENGTH: 544
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-101260

Query Match      66.7%; Score 12; DB 6; Length 544;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy      1 GGGGUCCUGGAG 12
||||:|:~|:|:|
Db      447 GGGGTCTCTGGAG 458

RESULT 141
US-09-925-065A-147671/c
; Sequence 147671, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 147671
; LENGTH: 545
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-147671
```

```
Query Match          66.7%; Score 12; DB 6; Length 545;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      1 GGGGUCCUGGAG 12
      |||||:||||
Db      172 GGGGTCTGGAG 161

RESULT 142
US-09-925-065A-147673/c
; Sequence 147673, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; TITLE OF INVENTION: Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 147673
; LENGTH: 545
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-147673

Query Match          66.7%; Score 12; DB 6; Length 545;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      1 GGGGUCCUGGAG 12
      |||||:||||
Db      172 GGGGTCTGGAG 161

RESULT 143
US-09-925-065A-422939/c
; Sequence 422939, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; TITLE OF INVENTION: Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 422939
; LENGTH: 545
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-422939/c

Query Match          66.7%; Score 12; DB 6; Length 550;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      1 GGGGUCCUGGAG 12
      |||||:||||
Db      353 GGGGTCTGGAG 342

RESULT 145
US-09-925-065A-844140/c
; Sequence 844140, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; TITLE OF INVENTION: Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 844140
; LENGTH: 550
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-844140/c
```

```
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 844140
; LENGTH: 554
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-844140

Query Match          66.7%; Score 12; DB 6; Length 554;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
Db 545 GGGGTCCTGGAG 534

RESULT 146
US-09-925-065A-147672/c
; Sequence 147672, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 147672
; LENGTH: 556
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-147672

Query Match          66.7%; Score 12; DB 6; Length 556;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
Db 185 GGGGTCCTGGAG 174

RESULT 147
US-09-925-065A-264999
; Sequence 264999, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
```

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; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 264999
; LENGTH: 557
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-264999

Query Match          66.7%; Score 12; DB 6; Length 557;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
Db 97 GGGGTCCTGGAG 108

RESULT 148
US-09-925-065A-438153/c
; Sequence 438153, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 438153
; LENGTH: 560
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-438153

Query Match          66.7%; Score 12; DB 6; Length 560;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
Db 353 GGGGTCCTGGAG 342

RESULT 149
US-09-925-065A-438993
; Sequence 438993, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
```

```
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 438993
; LENGTH: 568
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-438993

Query Match      66.7%; Score 12; DB 6; Length 568;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
    |||||:||||
Db 182 GGGGTCTCTGGAG 193

RESULT 150
US-09-925-065A-917962/c
; Sequence 917962, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE OF INVENTION: Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 917962
; LENGTH: 569
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-917962

Query Match      66.7%; Score 12; DB 6; Length 569;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
    |||||:||||
Db 191 GGGGTCTCTGGAG 180

RESULT 151
US-09-925-065A-944896/c
; Sequence 944896, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE OF INVENTION: Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 944897
; LENGTH: 569
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-944897

Query Match      66.7%; Score 12; DB 6; Length 569;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
    |||||:||||
Db 191 GGGGTCTCTGGAG 180

RESULT 153
US-11-128-061-1605
; Sequence 1605, Application US/11128061
; Publication No. US20060003958A1
; GENERAL INFORMATION:
; APPLICANT: Melville, Mark W.
; APPLICANT: Charlebois, Timothy S.
; APPLICANT: Mounts, William M.
; APPLICANT: Hann, Louane E.
; APPLICANT: Sinacore, Martin S.
```

```
; APPLICANT: Leonard, Mark W.
; APPLICANT: Brown, Eugene L.
; APPLICANT: Miller, Christopher P.
; TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES RELATED TO OLIGONUCLEOTIDE ARRAYS
; TITLE OF INVENTION: TO MONITOR GENE EXPRESSION
; FILE REFERENCE: 01997.027701
; CURRENT APPLICATION NUMBER: US/11/128,061
; CURRENT FILING DATE: 2005-05-11
; PRIOR APPLICATION NUMBER: US 60/570,425
; PRIOR FILING DATE: 2004-05-11
; NUMBER OF SEQ ID NOS: 7285
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 1605
; LENGTH: 569
; TYPE: DNA
; ORGANISM: Cricetulus griseus
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (29)..(47)
; OTHER INFORMATION: n is a, c, g, or t
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (84)..(129)
; OTHER INFORMATION: n is a, c, g, or t
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (162)..(288)
; OTHER INFORMATION: n is a, c, g, or t
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (301)..(381)
; OTHER INFORMATION: n is a, c, g, or t
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (449)..(486)
; OTHER INFORMATION: n is a, c, g, or t
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (500)..(524)
; OTHER INFORMATION: n is a, c, g, or t
; US-11-128-061-1605

Query Match 66.7%; Score 12; DB 12; Length 569;
Best Local Similarity 91.7%; Pred. No. 3.4e+02;
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 7 CUGGAGNNNNN 18
Db 443 CTGGAGNNNNN 454

RESULT 154
US-11-128-061-5247
; Sequence 5247, Application US/11128061
; Publication No. US20060003958A1
; GENERAL INFORMATION:
; APPLICANT: Melville, Mark W.
; APPLICANT: Charlebois, Timothy S.
; APPLICANT: Mounts, William M.
; APPLICANT: Hann, Louane E.
; APPLICANT: Sinacore, Martin S.
; APPLICANT: Leonard, Mark W.
; APPLICANT: Brown, Eugene L.
; APPLICANT: Miller, Christopher P.
; TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES RELATED TO OLIGONUCLEOTIDE ARRAYS
; FILE REFERENCE: 01997.027701
; CURRENT APPLICATION NUMBER: US/11/128,061
; CURRENT FILING DATE: 2005-05-11
; PRIOR APPLICATION NUMBER: US 60/570,425
; PRIOR FILING DATE: 2004-05-11
; NUMBER OF SEQ ID NOS: 7285
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 1605
; LENGTH: 569
; TYPE: DNA
; ORGANISM: Cricetulus griseus
```

```
; PRIOR APPLICATION NUMBER: US 60/570,425
; PRIOR FILING DATE: 2004-05-11
; NUMBER OF SEQ ID NOS: 7285
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 5247
; LENGTH: 569
; TYPE: DNA
; ORGANISM: Cricetulus griseus
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (29)..(47)
; OTHER INFORMATION: n is a, c, g, or t
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (84)..(129)
; OTHER INFORMATION: n is a, c, g, or t
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (162)..(288)
; OTHER INFORMATION: n is a, c, g, or t
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (301)..(381)
; OTHER INFORMATION: n is a, c, g, or t
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (383)..(441)
; OTHER INFORMATION: n is a, c, g, or t
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (449)..(486)
; OTHER INFORMATION: n is a, c, g, or t
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (500)..(524)
; OTHER INFORMATION: n is a, c, g, or t
; US-11-128-061-5247

Query Match 66.7%; Score 12; DB 12; Length 569;
Best Local Similarity 91.7%; Pred. No. 3.4e+02;
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 7 CUGGAGNNNNN 18
Db 443 CTGGAGNNNNN 454

RESULT 155
US-11-128-049-1605
; Sequence 1605, Application US/11128049
; Publication No. US20060010513A1
; GENERAL INFORMATION:
; APPLICANT: Melville, Mark W.
; APPLICANT: Charlebois, Timothy S.
; APPLICANT: Mounts, William M.
; APPLICANT: Hann, Louane E.
; APPLICANT: Sinacore, Martin S.
; APPLICANT: Leonard, Mark W.
; APPLICANT: Brown, Eugene L.
; APPLICANT: Miller, Christopher P.
; TITLE OF INVENTION: OLIGONUCLEOTIDE ARRAYS TO MONITOR GENE EXPRESSION AND METHODS FOR
; FILE REFERENCE: 01997.027700
; CURRENT APPLICATION NUMBER: US/11/128,049
; CURRENT FILING DATE: 2005-05-11
; PRIOR APPLICATION NUMBER: US 60/570,425
; PRIOR FILING DATE: 2004-05-11
; NUMBER OF SEQ ID NOS: 7285
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 1605
; LENGTH: 569
; TYPE: DNA
; ORGANISM: Cricetulus griseus
```

```
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (29)..(47)
; OTHER INFORMATION: n is a, c, g, or t
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (84)..(129)
; OTHER INFORMATION: n is a, c, g, or t
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (162)..(288)
; OTHER INFORMATION: n is a, c, g, or t
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (301)..(381)
; OTHER INFORMATION: n is a, c, g, or t
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (383)..(441)
; OTHER INFORMATION: n is a, c, g, or t
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (449)..(486)
; OTHER INFORMATION: n is a, c, g, or t
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (500)..(524)
; OTHER INFORMATION: n is a, c, g, or t
US-11-128-049-1605
```

```
Query Match 66.7%; Score 12; DB 12; Length 569;
Best Local Similarity 91.7%; Pred. No. 3.4e+02;
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 7 CUGGAGNNNNNN 18
   |:|||||
Db 443 CTGGAGNNNNNN 454
```

RESULT 156

```
US-11-128-049-5247
; Sequence 5247, Application US/11128049
; Publication No. US20060010513A1
; GENERAL INFORMATION:
; APPLICANT: Melville, Mark W.
; APPLICANT: Charlebois, Timothy S.
; APPLICANT: Mounts, William M.
; APPLICANT: Hann, Louane E.
; APPLICANT: Sinacore, Martin S.
; APPLICANT: Leonard, Mark W.
; APPLICANT: Brown, Eugene L.
; APPLICANT: Miller, Christopher P.
; TITLE OF INVENTION: OLIGONUCLEOTIDE ARRAYS TO MONITOR GENE EXPRESSION AND METHODS FOR
; FILE REFERENCE: 01997.027700
; CURRENT APPLICATION NUMBER: US/11/128,049
; CURRENT FILING DATE: 2005-05-11
; PRIOR APPLICATION NUMBER: US 60/570,425
; PRIOR FILING DATE: 2004-05-11
; NUMBER OF SEQ ID NOS: 7285
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 5247
; LENGTH: 569
; TYPE: DNA
; ORGANISM: Cricetulus griseus
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (29)..(47)
; OTHER INFORMATION: n is a, c, g, or t
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (84)..(129)
; OTHER INFORMATION: n is a, c, g, or t
```

```
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (162)..(288)
; OTHER INFORMATION: n is a, c, g, or t
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (301)..(381)
; OTHER INFORMATION: n is a, c, g, or t
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (383)..(441)
; OTHER INFORMATION: n is a, c, g, or t
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (449)..(486)
; OTHER INFORMATION: n is a, c, g, or t
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (500)..(524)
; OTHER INFORMATION: n is a, c, g, or t
US-11-128-049-5247
```

```
Query Match 66.7%; Score 12; DB 12; Length 569;
Best Local Similarity 91.7%; Pred. No. 3.4e+02;
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 7 CUGGAGNNNNNN 18
   |:|||||
Db 443 CTGGAGNNNNNN 454
```

RESULT 157

```
US-09-925-065A-2581/c
; Sequence 2581, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2581
; LENGTH: 574
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-2581
```

```
Query Match 66.7%; Score 12; DB 6; Length 574;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 1 GGGGUCCUGGAG 12
   |||||:||||
Db 296 GGGGTCCTGGAG 285
```

RESULT 158

```
US-09-925-065A-439997
; Sequence 439997, Application US/09925065A
; Publication No. US20040181048A1
```

```
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US 09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 439997
; LENGTH: 574
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-439997
```

```
Query Match 66.7%; Score 12; DB 6; Length 574;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 1 GGGGUCCUGGAG 12
    ||||:|||||
Db 508 GGGGTCTGGAG 519
```

RESULT 159

```
US-09-925-065A-499275/c
; Sequence 499275, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US 09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 499275
; LENGTH: 576
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-499275
```

```
Query Match 66.7%; Score 12; DB 6; Length 576;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 1 GGGGUCCUGGAG 12
    ||||:|||||
Db 284 GGGGTCTGGAG 273
```

RESULT 160

```
US-09-925-065A-355898/c
; Sequence 355898, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US 09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 355898
; LENGTH: 577
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-355898
```

```
Query Match 66.7%; Score 12; DB 6; Length 577;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 1 GGGGUCCUGGAG 12
    ||||:|||||
Db 427 GGGGTCTGGAG 416
```

RESULT 161

```
US-09-925-065A-519468
; Sequence 519468, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US 09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 519468
; LENGTH: 578
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-519468
```

```
Query Match 66.7%; Score 12; DB 6; Length 578;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 1 GGGGUCCUGGAG 12
    ||||:|||||
Db 457 GGGGTCTGGAG 468
```



```

RESULT 162
US-09-925-065A-713025/c
; Sequence 713025, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108927.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 713025
; LENGTH: 578
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-713025

Query Match          66.7%; Score 12; DB 6; Length 578;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      1 GGGGUCCUGGAG 12
Db      467 GGGGTCCTGGAG 456
      |||||:|||||
      |||||:|||||

RESULT 163
US-11-128-061-1989/c
; Sequence 1989, Application US/11128061
; Publication No. US20060003958A1
; GENERAL INFORMATION:
; APPLICANT: Melville, Mark W.
; APPLICANT: Charlebois, Timothy S.
; APPLICANT: Mounts, William M.
; APPLICANT: Hann, Louane E.
; APPLICANT: Sinacore, Martin S.
; APPLICANT: Leonard, Mark W.
; APPLICANT: Brown, Eugene L.
; APPLICANT: Miller, Christopher P.
; TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES RELATED TO OLIGONUCLEOTIDE ARRAYS
; FILE REFERENCE: 01997.027701
; CURRENT APPLICATION NUMBER: US/11/128,061
; CURRENT FILING DATE: 2005-05-11
; PRIOR APPLICATION NUMBER: US 60/570,425
; PRIOR FILING DATE: 2004-05-11
; NUMBER OF SEQ ID NOS: 7285
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 1989
; LENGTH: 578
; TYPE: DNA
; ORGANISM: Cricetulus griseus
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (370)..(429)
; OTHER INFORMATION: n is a, c, g, or t
US-11-128-061-1989

Query Match          66.7%; Score 12; DB 12; Length 578;
Best Local Similarity 91.7%; Pred. No. 3.4e+02;
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      7 CUGGAGNNNNNN 18
Db      435 CTGGAGNNNNNN 424
      |:|||||
      |:|||||

RESULT 164
US-11-128-061-5631/c
; Sequence 5631, Application US/11128061
; Publication No. US20060003958A1
; GENERAL INFORMATION:
; APPLICANT: Melville, Mark W.
; APPLICANT: Charlebois, Timothy S.
; APPLICANT: Mounts, William M.
; APPLICANT: Hann, Louane E.
; APPLICANT: Sinacore, Martin S.
; APPLICANT: Leonard, Mark W.
; APPLICANT: Brown, Eugene L.
; APPLICANT: Miller, Christopher P.
; TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES RELATED TO OLIGONUCLEOTIDE ARRAYS
; FILE REFERENCE: 01997.027701
; CURRENT APPLICATION NUMBER: US/11/128,061
; CURRENT FILING DATE: 2005-05-11
; PRIOR APPLICATION NUMBER: US 60/570,425
; PRIOR FILING DATE: 2004-05-11
; NUMBER OF SEQ ID NOS: 7285
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 5631
; LENGTH: 578
; TYPE: DNA
; ORGANISM: Cricetulus griseus
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (370)..(429)
; OTHER INFORMATION: n is a, c, g, or t
US-11-128-061-5631

Query Match          66.7%; Score 12; DB 12; Length 578;
Best Local Similarity 91.7%; Pred. No. 3.4e+02;
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      7 CUGGAGNNNNNN 18
Db      435 CTGGAGNNNNNN 424
      |:|||||
      |:|||||

RESULT 165
US-11-128-049-1989/c
; Sequence 1989, Application US/11128049
; Publication No. US20060010513A1
; GENERAL INFORMATION:
; APPLICANT: Melville, Mark W.
; APPLICANT: Charlebois, Timothy S.
; APPLICANT: Mounts, William M.
; APPLICANT: Hann, Louane E.
; APPLICANT: Sinacore, Martin S.
; APPLICANT: Leonard, Mark W.
; APPLICANT: Brown, Eugene L.
; APPLICANT: Miller, Christopher P.
; TITLE OF INVENTION: OLIGONUCLEOTIDE ARRAYS TO MONITOR GENE EXPRESSION AND METHODS FOR
; FILE REFERENCE: 01997.027700
; CURRENT APPLICATION NUMBER: US/11/128,049
; CURRENT FILING DATE: 2005-05-11
; PRIOR APPLICATION NUMBER: US 60/570,425
; PRIOR FILING DATE: 2004-05-11
; NUMBER OF SEQ ID NOS: 7285
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 1989
; LENGTH: 578
; TYPE: DNA
; ORGANISM: Cricetulus griseus
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (370)..(429)
; OTHER INFORMATION: n is a, c, g, or t
US-11-128-061-1989

Query Match          66.7%; Score 12; DB 12; Length 578;
Best Local Similarity 91.7%; Pred. No. 3.4e+02;
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      7 CUGGAGNNNNNN 18
Db      435 CTGGAGNNNNNN 424
      |:|||||
      |:|||||
```

```

Best Local Similarity 91.7%; Pred. No. 3.4e+02;
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      7 CUGGAGNNNNNN 18
Db      435 CTGGAGNNNNNN 424
      |:|||||
      |:|||||

RESULT 164
US-11-128-061-5631/c
; Sequence 5631, Application US/11128061
; Publication No. US20060003958A1
; GENERAL INFORMATION:
; APPLICANT: Melville, Mark W.
; APPLICANT: Charlebois, Timothy S.
; APPLICANT: Mounts, William M.
; APPLICANT: Hann, Louane E.
; APPLICANT: Sinacore, Martin S.
; APPLICANT: Leonard, Mark W.
; APPLICANT: Brown, Eugene L.
; APPLICANT: Miller, Christopher P.
; TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES RELATED TO OLIGONUCLEOTIDE ARRAYS
; FILE REFERENCE: 01997.027701
; CURRENT APPLICATION NUMBER: US/11/128,061
; CURRENT FILING DATE: 2005-05-11
; PRIOR APPLICATION NUMBER: US 60/570,425
; PRIOR FILING DATE: 2004-05-11
; NUMBER OF SEQ ID NOS: 7285
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 5631
; LENGTH: 578
; TYPE: DNA
; ORGANISM: Cricetulus griseus
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (370)..(429)
; OTHER INFORMATION: n is a, c, g, or t
US-11-128-061-5631

Query Match          66.7%; Score 12; DB 12; Length 578;
Best Local Similarity 91.7%; Pred. No. 3.4e+02;
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      7 CUGGAGNNNNNN 18
Db      435 CTGGAGNNNNNN 424
      |:|||||
      |:|||||

RESULT 165
US-11-128-049-1989/c
; Sequence 1989, Application US/11128049
; Publication No. US20060010513A1
; GENERAL INFORMATION:
; APPLICANT: Melville, Mark W.
; APPLICANT: Charlebois, Timothy S.
; APPLICANT: Mounts, William M.
; APPLICANT: Hann, Louane E.
; APPLICANT: Sinacore, Martin S.
; APPLICANT: Leonard, Mark W.
; APPLICANT: Brown, Eugene L.
; APPLICANT: Miller, Christopher P.
; TITLE OF INVENTION: OLIGONUCLEOTIDE ARRAYS TO MONITOR GENE EXPRESSION AND METHODS FOR
; FILE REFERENCE: 01997.027700
; CURRENT APPLICATION NUMBER: US/11/128,049
; CURRENT FILING DATE: 2005-05-11
; PRIOR APPLICATION NUMBER: US 60/570,425
; PRIOR FILING DATE: 2004-05-11
; NUMBER OF SEQ ID NOS: 7285
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 1989
; LENGTH: 578
; TYPE: DNA
; ORGANISM: Cricetulus griseus
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (370)..(429)
; OTHER INFORMATION: n is a, c, g, or t
US-11-128-061-1989
```

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; TYPE: DNA
; ORGANISM: Cricetulus griseus
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (370)..(429)
; OTHER INFORMATION: n is a, c, g, or t
US-11-128-049-1989

Query Match          66.7%; Score 12; DB 12; Length 578;
Best Local Similarity 91.7%; Pred. No. 3.4e+02;
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy      7  CUGGAGNNNNN 18
Db      435 CTGGAGNNNNN 424
      |:|||||

RESULT 166
US-11-128-049-5631/c
; Sequence 5631, Application US/11128049
; Publication No. US2006010513A1
; GENERAL INFORMATION:
; APPLICANT: Melville, Mark W.
; APPLICANT: Charlebois, Timothy S.
; APPLICANT: Mounts, William M.
; APPLICANT: Hann, Louane E.
; APPLICANT: Sinacore, Martin S.
; APPLICANT: Leonard, Mark W.
; APPLICANT: Brown, Eugene L.
; APPLICANT: Miller, Christopher P.
; TITLE OF INVENTION: OLIGONUCLEOTIDE ARRAYS TO MONITOR GENE EXPRESSION AND METHODS FOR
; FILE REFERENCE: 01997.027700
; CURRENT APPLICATION NUMBER: US/11/128,049
; PRIOR FILING DATE: 2005-05-11
; PRIOR APPLICATION NUMBER: US 60/570,425
; PRIOR FILING DATE: 2004-05-11
; NUMBER OF SEQ ID NOS: 7285
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 5631
; LENGTH: 578
; TYPE: DNA
; ORGANISM: Cricetulus griseus
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (370)..(429)
; OTHER INFORMATION: n is a, c, g, or t
US-11-128-049-5631

Query Match          66.7%; Score 12; DB 12; Length 578;
Best Local Similarity 91.7%; Pred. No. 3.4e+02;
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy      7  CUGGAGNNNNN 18
Db      435 CTGGAGNNNNN 424
      |:|||||

RESULT 167
US-09-925-065A-757107
; Sequence 757107, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
```

```
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 757107
; LENGTH: 579
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-925-065A-757107

Query Match          66.7%; Score 12; DB 6; Length 579;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy      1  GGGGUCCUGGAG 12
Db      137 GGGGTCTGGAG 148
      |||||:||||

RESULT 168
US-11-128-061-1908
; Sequence 1908, Application US/11128061
; Publication No. US20060003958A1
; GENERAL INFORMATION:
; APPLICANT: Melville, Mark W.
; APPLICANT: Charlebois, Timothy S.
; APPLICANT: Mounts, William M.
; APPLICANT: Hann, Louane E.
; APPLICANT: Sinacore, Martin S.
; APPLICANT: Leonard, Mark W.
; APPLICANT: Brown, Eugene L.
; APPLICANT: Miller, Christopher P.
; TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES RELATED TO OLIGONUCLEOTIDE ARRAYS
; FILE REFERENCE: 01997.027701
; CURRENT APPLICATION NUMBER: US/11/128,061
; CURRENT FILING DATE: 2005-05-11
; PRIOR APPLICATION NUMBER: US 60/570,425
; PRIOR FILING DATE: 2004-05-11
; NUMBER OF SEQ ID NOS: 7285
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 1908
; LENGTH: 582
; TYPE: DNA
; ORGANISM: Cricetulus griseus
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (231)..(253)
; OTHER INFORMATION: n is a, c, g, or t
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (301)..(368)
; OTHER INFORMATION: n is a, c, g, or t
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (370)..(383)
; OTHER INFORMATION: n is a, c, g, or t
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (392)..(415)
; OTHER INFORMATION: n is a, c, g, or t
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (500)..(519)
; OTHER INFORMATION: n is a, c, g, or t
US-11-128-061-1908

Query Match          66.7%; Score 12; DB 12; Length 582;
Best Local Similarity 91.7%; Pred. No. 3.4e+02;
```

Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 7 CUGGAGNNNNN 18
|:|||||
Db 295 CTGGAGNNNNN 306

RESULT 169

US-11-128-061-5550
; Sequence 5550, Application US/11128061
; Publication No. US20060003958A1
; GENERAL INFORMATION:
; APPLICANT: Melville, Mark W.
; APPLICANT: Charlebois, Timothy S.
; APPLICANT: Mounts, William M.
; APPLICANT: Hann, Louane E.
; APPLICANT: Sinacore, Martin S.
; APPLICANT: Leonard, Mark W.
; APPLICANT: Brown, Eugene L.
; APPLICANT: Miller, Christopher P.
; TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES RELATED TO OLIGONUCLEOTIDE ARRAYS
; FILE REFERENCE: 01997.027701
; CURRENT APPLICATION NUMBER: US/11/128,061
; CURRENT FILING DATE: 2005-05-11
; PRIOR APPLICATION NUMBER: US 60/570,425
; PRIOR FILING DATE: 2004-05-11
; NUMBER OF SEQ ID NOS: 7285
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 5550
; LENGTH: 582
; TYPE: DNA
; ORGANISM: Cricetulus griseus
; NAME/KEY: misc feature
; LOCATION: (231)..(253)
; OTHER INFORMATION: n is a, c, g, or t
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (301)..(368)
; OTHER INFORMATION: n is a, c, g, or t
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (370)..(383)
; OTHER INFORMATION: n is a, c, g, or t
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (392)..(415)
; OTHER INFORMATION: n is a, c, g, or t
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (500)..(519)
; OTHER INFORMATION: n is a, c, g, or t
US-11-128-061-5550

Query Match 66.7%; Score 12; DB 12; Length 582;

Best Local Similarity 91.7%; Pred. No. 3.4e+02;

Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 7 CUGGAGNNNNN 18
|:|||||
Db 295 CTGGAGNNNNN 306

RESULT 170

US-11-128-049-1908
; Sequence 1908, Application US/11128049
; Publication No. US20060010513A1
; GENERAL INFORMATION:
; APPLICANT: Melville, Mark W.
; APPLICANT: Charlebois, Timothy S.
; APPLICANT: Mounts, William M.
; APPLICANT: Hann, Louane E.

; APPLICANT: Sinacore, Martin S.
; APPLICANT: Leonard, Mark W.
; APPLICANT: Brown, Eugene L.
; APPLICANT: Miller, Christopher P.
; TITLE OF INVENTION: OLIGONUCLEOTIDE ARRAYS TO MONITOR GENE EXPRESSION AND METHODS FOR
; TITLE OF INVENTION: MAKING AND USING SAME
; FILE REFERENCE: 01997.027700
; CURRENT APPLICATION NUMBER: US/11/128,049
; CURRENT FILING DATE: 2005-05-11
; PRIOR APPLICATION NUMBER: US 60/570,425
; PRIOR FILING DATE: 2004-05-11
; NUMBER OF SEQ ID NOS: 7285
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 1908
; LENGTH: 582
; TYPE: DNA
; ORGANISM: Cricetulus griseus
; NAME/KEY: misc feature
; LOCATION: (231)..(253)
; OTHER INFORMATION: n is a, c, g, or t
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (301)..(368)
; OTHER INFORMATION: n is a, c, g, or t
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (370)..(383)
; OTHER INFORMATION: n is a, c, g, or t
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (392)..(415)
; OTHER INFORMATION: n is a, c, g, or t
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (500)..(519)
; OTHER INFORMATION: n is a, c, g, or t
US-11-128-049-1908

Query Match 66.7%; Score 12; DB 12; Length 582;

Best Local Similarity 91.7%; Pred. No. 3.4e+02;

Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 7 CUGGAGNNNNN 18
|:|||||
Db 295 CTGGAGNNNNN 306

RESULT 171

US-11-128-049-5550
; Sequence 5550, Application US/11128049
; Publication No. US20060010513A1
; GENERAL INFORMATION:
; APPLICANT: Melville, Mark W.
; APPLICANT: Charlebois, Timothy S.
; APPLICANT: Mounts, William M.
; APPLICANT: Hann, Louane E.
; APPLICANT: Sinacore, Martin S.
; APPLICANT: Leonard, Mark W.
; APPLICANT: Brown, Eugene L.
; APPLICANT: Miller, Christopher P.
; TITLE OF INVENTION: OLIGONUCLEOTIDE ARRAYS TO MONITOR GENE EXPRESSION AND METHODS FOR
; TITLE OF INVENTION: MAKING AND USING SAME
; FILE REFERENCE: 01997.027700
; CURRENT APPLICATION NUMBER: US/11/128,049
; CURRENT FILING DATE: 2005-05-11
; PRIOR APPLICATION NUMBER: US 60/570,425
; PRIOR FILING DATE: 2004-05-11
; NUMBER OF SEQ ID NOS: 7285
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 5550
; LENGTH: 582
; TYPE: DNA

```
; ORGANISM: Cricetus griseus
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (231)..(253)
; OTHER INFORMATION: n is a, c, g, or t
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (301)..(368)
; OTHER INFORMATION: n is a, c, g, or t
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (370)..(383)
; OTHER INFORMATION: n is a, c, g, or t
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (392)..(415)
; OTHER INFORMATION: n is a, c, g, or t
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (500)..(519)
; OTHER INFORMATION: n is a, c, g, or t
US-11-128-049-5550
```

```
Query Match 66.7%; Score 12; DB 12; Length 582;
Best Local Similarity 91.7%; Pred. No. 3.4e+02;
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 7 CUGGAGNNNNN 18
Db 295 CTGGAGNNNNN 306
```

RESULT 172

```
US-09-925-065A-493309/c
; Sequence 493309, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 493309
; LENGTH: 583
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-493309
```

```
Query Match 66.7%; Score 12; DB 6; Length 583;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 1 GGGGUCCUGGAG 12
Db 79 GGGGTCTGGAG 68
```

RESULT 173

```
US-09-925-065A-356511
; Sequence 356511, Application US/09925065A
```

```
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 356511
; LENGTH: 593
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-356511
```

```
Query Match 66.7%; Score 12; DB 6; Length 593;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 1 GGGGUCCUGGAG 12
Db 215 GGGGTCTGGAG 226
```

RESULT 174

```
US-09-925-065A-356512
; Sequence 356512, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 356512
; LENGTH: 593
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-356512
```

```
Query Match 66.7%; Score 12; DB 6; Length 593;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 1 GGGGUCCUGGAG 12
Db 215 GGGGTCTGGAG 226
```

RESULT 175
US-09-925-065A-919127
; Sequence 919127, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 919127
; LENGTH: 594
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-919127

Query Match 66.7%; Score 12; DB 6; Length 594;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
||||:|||||

Db 39 GGGGTCTGGAG 50

RESULT 176
US-09-925-065A-919128
; Sequence 919128, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 919128
; LENGTH: 594
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-919128

Query Match 66.7%; Score 12; DB 6; Length 594;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
||||:|||||

Db 39 GGGGTCTGGAG 50

RESULT 177
US-09-925-065A-745962/c
; Sequence 745962, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 745962
; LENGTH: 597
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-745962

Query Match 66.7%; Score 12; DB 6; Length 597;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
||||:|||||

Db 551 GGGGTCTGGAG 540

RESULT 178
US-09-925-065A-820019/c
; Sequence 820019, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 820019
; LENGTH: 597
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-820019

Query Match 66.7%; Score 12; DB 6; Length 597;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

```
QY      1 GGGGUCCUGGAG 12
      ||||:|:|
Db      551 GGGGTCTGGAG 540

RESULT 179
US-09-925-065A-667465
; Sequence 667465, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 667465
; LENGTH: 598
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-667465

Query Match      66.7%; Score 12; DB 6; Length 598;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      1 GGGGUCCUGGAG 12
      ||||:|:|
Db      383 GGGGTCTGGAG 394

RESULT 180
US-09-925-065A-415407/c
; Sequence 415407, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 415407
; LENGTH: 599
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-415407

Query Match      66.7%; Score 12; DB 6; Length 598;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      1 GGGGUCCUGGAG 12
      ||||:|:|
Db      383 GGGGTCTGGAG 394

RESULT 181
US-09-925-065A-238645/c
; Sequence 238645, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 238645
; LENGTH: 600
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-238645

Query Match      66.7%; Score 12; DB 6; Length 600;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      1 GGGGUCCUGGAG 12
      ||||:|:|
Db      569 GGGGTCTGGAG 558

RESULT 182
US-09-925-065A-427144
; Sequence 427144, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 427144
; LENGTH: 600
; TYPE: DNA
US-09-925-065A-427144
```

```
; ORGANISM: Homo sapiens
US-09-925-065A-427144

Query Match      66.7%; Score 12; DB 6; Length 600;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
   ||||:|||||
Db 397 GGGGTCTGGAG 408

RESULT 183
US-09-925-065A-427145
; Sequence 427145, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 427145
; LENGTH: 600
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-427145

Query Match      66.7%; Score 12; DB 6; Length 600;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
   ||||:|||||
Db 397 GGGGTCTGGAG 408

RESULT 184
US-09-925-065A-427146
; Sequence 427146, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
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; SEQ ID NO 427146
; LENGTH: 600
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-427146

Query Match      66.7%; Score 12; DB 6; Length 600;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
   ||||:|||||
Db 397 GGGGTCTGGAG 408

RESULT 185
US-09-925-065A-427147
; Sequence 427147, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 427147
; LENGTH: 600
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-427147

Query Match      66.7%; Score 12; DB 6; Length 600;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGUCCUGGAG 12
   ||||:|||||
Db 397 GGGGTCTGGAG 408

RESULT 186
US-10-750-185-3147
; Sequence 3147, Application US/10750185
; Publication No. US20050260603A1
; GENERAL INFORMATION:
; APPLICANT: MMI GENOMICS, INC.
; APPLICANT: DENISE, Sue K.
; APPLICANT: KERR, Richard
; APPLICANT: ROSENFELD, David
; APPLICANT: HOLM, Tom
; APPLICANT: BATES, Stephen
; APPLICANT: FANTIN, Dennis
; TITLE OF INVENTION: COMPOSITIONS FOR INFERRING BOVINE TRAITS
; FILE REFERENCE: MM1100-2
; CURRENT APPLICATION NUMBER: US/10/750,185
; CURRENT FILING DATE: 2003-12-31
; PRIOR APPLICATION NUMBER: US 60/437,482
; PRIOR FILING DATE: 2002-12-31
; NUMBER OF SEQ ID NOS: 64922
; SOFTWARE: PatentIn version 3.1
```

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; SEQ ID NO 3147
; LENGTH: 600
; TYPE: DNA
; ORGANISM: Bovine MMBT01276
US-10-750-185-3147

Query Match      66.7%; Score 12; DB 8; Length 600;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      1 GGGGUCCUGGAG 12
Db      252 GGGGTCTCGGAG 263

RESULT 187
US-10-750-185-3277/c
; Sequence 3277, Application US/10750185
; Publication No. US20050260603A1
; GENERAL INFORMATION:
; APPLICANT: MMI GENOMICS, INC.
; APPLICANT: DENISE, Sue K.
; APPLICANT: KERR, Richard
; APPLICANT: ROSENFELD, David
; APPLICANT: HOLM, Tom
; APPLICANT: BATES, Stephen
; APPLICANT: FANTIN, Dennis
; TITLE OF INVENTION: COMPOSITIONS FOR INFERRING BOVINE TRAITS
; FILE REFERENCE: MM1100-2
; CURRENT APPLICATION NUMBER: US/10/750,185
; CURRENT FILING DATE: 2003-12-31
; PRIOR APPLICATION NUMBER: US 60/437,482
; PRIOR FILING DATE: 2002-12-31
; NUMBER OF SEQ ID NOS: 64922
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 3277
; LENGTH: 600
; TYPE: DNA
; ORGANISM: Bovine MMBT02292
US-10-750-185-3277

Query Match      66.7%; Score 12; DB 8; Length 600;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      1 GGGGUCCUGGAG 12
Db      527 GGGGTCTCGGAG 516

RESULT 188
US-10-750-623-3147
; Sequence 3147, Application US/10750623
; Publication No. US20050287531A1
; GENERAL INFORMATION:
; APPLICANT: MMI GENOMICS, INC.
; APPLICANT: DENISE, Sue K.
; APPLICANT: KERR, Richard
; APPLICANT: ROSENFELD, David
; APPLICANT: HOLM, Tom
; APPLICANT: BATES, Stephen
; APPLICANT: FANTIN, Dennis
; TITLE OF INVENTION: METHODS AND SYSTEMS FOR INFERRING BOVINE TRAITS
; FILE REFERENCE: MM1100-1
; CURRENT APPLICATION NUMBER: US/10/750,623
; CURRENT FILING DATE: 2003-12-31
; PRIOR APPLICATION NUMBER: US 60/437,482
; PRIOR FILING DATE: 2002-12-31
; NUMBER OF SEQ ID NOS: 64922
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 3147
; LENGTH: 600
; TYPE: DNA
; ORGANISM: Bovine MMBT01276
US-10-750-623-3147

Query Match      66.7%; Score 12; DB 8; Length 600;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      1 GGGGUCCUGGAG 12
Db      252 GGGGTCTCGGAG 263

RESULT 189
US-10-750-623-3277/c
; Sequence 3277, Application US/10750623
; Publication No. US20050287531A1
; GENERAL INFORMATION:
; APPLICANT: MMI GENOMICS, INC.
; APPLICANT: DENISE, Sue K.
; APPLICANT: KERR, Richard
; APPLICANT: ROSENFELD, David
; APPLICANT: HOLM, Tom
; APPLICANT: BATES, Stephen
; APPLICANT: FANTIN, Dennis
; TITLE OF INVENTION: METHODS AND SYSTEMS FOR INFERRING BOVINE TRAITS
; FILE REFERENCE: MM1100-1
; CURRENT APPLICATION NUMBER: US/10/750,623
; CURRENT FILING DATE: 2003-12-31
; PRIOR APPLICATION NUMBER: US 60/437,482
; PRIOR FILING DATE: 2002-12-31
; NUMBER OF SEQ ID NOS: 64922
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 3277
; LENGTH: 600
; TYPE: DNA
; ORGANISM: Bovine MMBT02292
US-10-750-623-3277

Query Match      66.7%; Score 12; DB 8; Length 600;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      1 GGGGUCCUGGAG 12
Db      527 GGGGTCTCGGAG 516

RESULT 190
US-09-925-065A-76735/c
; Sequence 76735, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 76735
; LENGTH: 603
; TYPE: DNA
```



```
; ORGANISM: Homo sapiens
US-09-925-065A-76735

Query Match      66.7%; Score 12; DB 6; Length 603;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
   |||||:|||||
Db 240 GGGGTCTCTGGAG 229

RESULT 191
US-09-925-065A-76736/c
; Sequence 76736, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 76736
; LENGTH: 603
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-76736

Query Match      66.7%; Score 12; DB 6; Length 603;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
   |||||:|||||
Db 240 GGGGTCTCTGGAG 229

RESULT 192
US-09-925-065A-76737/c
; Sequence 76737, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 76737
; LENGTH: 603
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-76737/c

Query Match      66.7%; Score 12; DB 6; Length 603;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
   |||||:|||||
Db 240 GGGGTCTCTGGAG 229

RESULT 193
US-09-925-065A-280937/c
; Sequence 280937, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 280937
; LENGTH: 605
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-280937

Query Match      66.7%; Score 12; DB 6; Length 605;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
   |||||:|||||
Db 262 GGGGTCTCTGGAG 251

RESULT 194
US-09-925-065A-639391/c
; Sequence 639391, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 639391
; LENGTH: 605
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-639391/c
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; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 639391
; LENGTH: 607
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-639391

Query Match 66.7%; Score 12; DB 6; Length 607;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
|||||:|||||
Db 577 GGGGTCTCGGAG 566

RESULT 195
US-09-925-065A-639392/c
; Sequence 639392, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 639392
; LENGTH: 607
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-639392

Query Match 66.7%; Score 12; DB 6; Length 607;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
|||||:|||||
Db 577 GGGGTCTCGGAG 566

RESULT 196
US-09-925-065A-629173/c
; Sequence 629173, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30

; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 629173
; LENGTH: 611
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-629173

Query Match 66.7%; Score 12; DB 6; Length 611;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
|||||:|||||
Db 510 GGGGTCTCGGAG 499

RESULT 197
US-09-925-065A-796059
; Sequence 796059, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 796059
; LENGTH: 616
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-796059

Query Match 66.7%; Score 12; DB 6; Length 616;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGUCCUGGAG 12
|||||:|||||
Db 369 GGGGTCTCGGAG 380

RESULT 198
US-09-925-065A-851283
; Sequence 851283, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-30

```
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 851283
; LENGTH: 616
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-851283
```

```
Query Match 66.7%; Score 12; DB 6; Length 616;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 1 GGGGUCCUGGAG 12
Db 369 GGGGTCCTGGAG 380
||||:|||||
```

RESULT 199

```
US-09-925-065A-851284
; Sequence 851284, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 851284
; LENGTH: 616
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-851284
```

```
Query Match 66.7%; Score 12; DB 6; Length 616;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 1 GGGGUCCUGGAG 12
Db 369 GGGGTCCTGGAG 380
||||:|||||
```

RESULT 200

```
US-09-925-065A-403047
; Sequence 403047, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
```

```
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 403047
; LENGTH: 622
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-403047
```

```
Query Match 66.7%; Score 12; DB 6; Length 622;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;
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```
Qy 1 GGGGUCCUGGAG 12
Db 54 GGGGTCCTGGAG 65
||||:|||||
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Job time : 582.474 secs
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